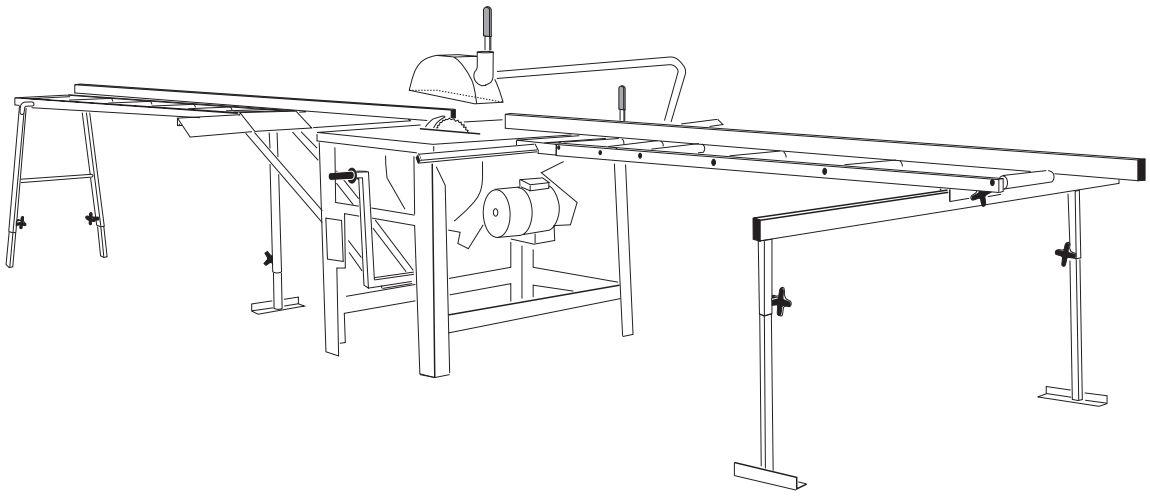
User manual UK

1203 - 1603



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Original Manual: Norwegian 507011.

1. SAFETY INSTRUCTIONS.

1. This machine is designed and constructed by Ernex AS and has been submitted for test and found in conformity with the Machine Directive 2006/42/EF, 2006/95/EF and EN 1870-5:2002.
2. The Health and Safety at Work places duties on designers, manufacturers and suppliers to ensure that among other things:
   1. articles supplied for use at work are, so far as is reasonably practicable, safe and without risks to health during setting, cleaning and maintenance and 2. persons supplied with the articles are provided with adequate information about the use for which they are designed and about conditions necessary to ensure that they will be safe and without risks to health.
3. These duties will apply to you if you re-supply the machine by way of sale, lease, hire or hire purchase.
4. Persons who install this machine for use at work have a duty under the Health and Safety at Work to ensure, so far as is reasonably practicable, that nothing about the way in which it is installed makes it unsafe or a risk to health at all times during setting, use, cleaning and maintenance. This includes such aspects as correct assembly, electrical installation, construction of enclosures, fitting of guards and exhaust ventilating equipment. When installing this machine, consideration must be given to the provision of adequate lighting and working space.
5. This machine is supplied complete with all necessary safeguards to enable the user to comply with the Woodworking Machines Regulations and the Provision and use of Work Equipment Regulations. Details of correct installation and use, together with guidance on fitting and proper adjustment of guards are described in this manual.
6. The Woodworking Machines Regulations place absolute legal duty on employers and employees to ensure that guards and the Provision and use of Work Equipment Regulations and any other safety devices are securely fitted, correctly adjusted and properly maintained.
7. Repairs and maintenance must only be undertaken by competent technicians. Ensure that all power supplies are isolated before maintenance work commences. Instructions for routine maintenance are included in this manual.
8. Machine operators must have received sufficient training and instructions as to the dangers arising in connection with the machine, the precautions to be observed and the requirements of the Woodworking Machines Regulations which apply, except where they work under the adequate supervision of a person who has a thorough knowledge and experience of the machine and the required safeguards.
9. Persons under the age of eighteen years must have successfully completed an approved HSE (Health-Security-Environment) course of training before operating this machine at work, unless participating in a course of training under adequate supervision. (NB. This paragraph is only relevant to: circular sawing machines, any sawing machine fitted with a circular blade, any planing machine for surfacing which is not mechanically fed or any vertical spindle moulding machine).

The saw can be used for sawing wood, plywood and chipboard.

The saw must not be used on plasterboard, polystyrene and tar paper (roofing).

WARNING: Safety equipment such as riving knife, blade guard and push sticks must not be removed, but have to be used!

2. GENERAL INSTRUCTIONS

2.1 General safety precautions:

- **IMPORTANT!** According to the CE-regulations, adjustable rollertable must always be used.
- Ensure that there is adequate room around the saw.
- For best stability, place saw on a level and even surface.
- Keep sawtable, saw blade cover and area around saw free for off cuts and excessive sawdust.
- When using saw indoors, the working area should be well ventilated and a dust extractor should be used.
- Use good lighting, adequate hearing and eyesight protection and a dust mask.
- When sawing longer pieces use the outfeed rollertable or suitable support.
- Always lower top guard when sawing.
- Use push sticks when ripping small materials and when the distance between saw blade and rip fence is less than 120 mm (approx. 5”).
- Always switch off the motor when adjusting blade or turntable angle.
- Lower saw blade when not in use.
- Always use riving knife. See section 6.2 for adjusting.
- Disconnect main cable when changing saw blade or performing other maintenance work.
- Use only carbide-tipped saw blades which is properly sharpened. Never use a cracked or deformed saw blade.
- Ensure that the saw blade cover is closed after saw blade has been cleaned and/or changed or if riving knife has been changed or adjusted.
- Worn aluminium edging strips in turntable should be replaced.

Dust and Noise

Dust and noise measurements have been performed for work with the materials and sawblades for which the machine is intended (see Section 1 Safety Instructions).

Measurement uncertainty is related to local conditions and can vary with the saw blade/transmission characteristics. Follow the maintenance instructions (see Section 6 Maintenance/ Repair

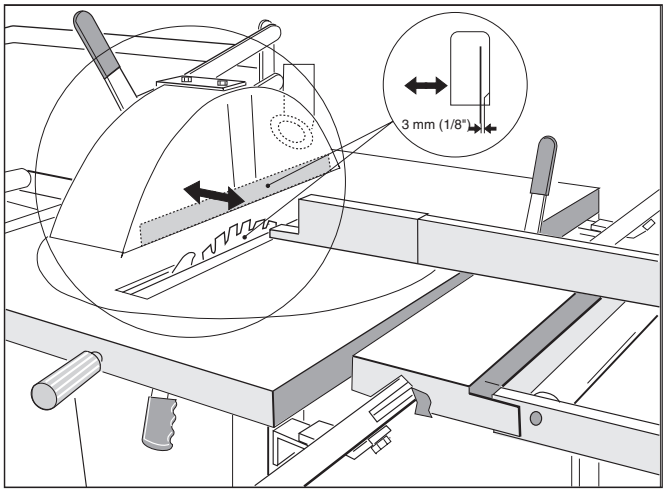
Ear protection must be used, and a dust mask is recommended

For indoor use, the machine must be connected to an extractor that provides a minimum air speed of 30 m/s i.e. 1.8 kPa.

3. DIRECTIONS FOR ASSEMBLY/POWER SUPPLY

3.1 Mounting top guard

- Mount top guard so that the wooden strip on the inside of the guard is **3 mm** from the saw blade. Make sure that the screw enter the hole in the bracket (1203)/guardarm (1603). See *Fig. 1.*



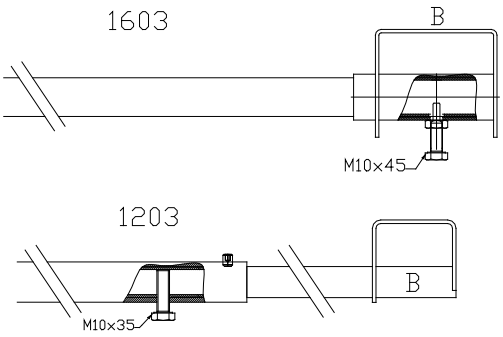


Fig. 1

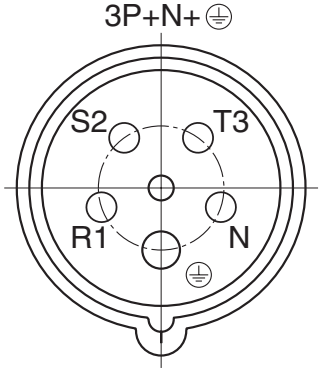
3.2 Mains connection

- **Saws are supplied with standard plugs (EU). Any extension cord being used should be an earthed cable with a conductor cross-section of 2.5 mm². Max length 20 m.**

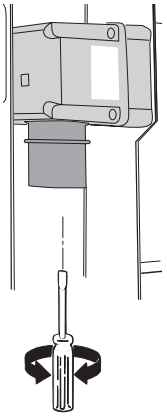
  IMPORTANT! The 3-phase motor is according to existing regulations, coupled for use with 5-pins wire supply. Please check that your plug and socket are connected as shown below before starting the machine.

3.3 Connecting main supply - direction of rotation

- When connecting a saw with a three-phase motor to the mains, check to see that the saw blade rotates in the right direction (away from the riving knife). The direction of blade rotation is indicated on the saw blade cover under the table. If the blade rotates in the wrong direction, two of the phases must be switched. This should be done by an electrician. Three-phase saws which run on 400 V have a change of phase switch which is operted by a screwdriver. *See Fig. 2.* Check also to see that blade is mounted correctly with regards to direction of rotation.



Kobl. 400V (5 pins)



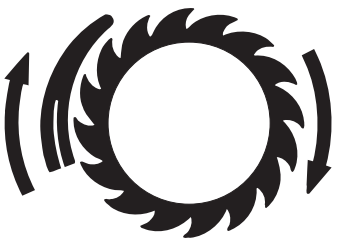


Fig. 2

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3.4 Mounting guide bar/adj. table/roller box

- Mount the guide bar onto the brackets and lock with locking handle **C** as shown in fig. 3. (The fig. shows Norsaw 1603). The sketch below shows the placing on the different models.
- Normally, it will not be necessary to adjust the roller box bearings. If the need arises, however, loosen bearing clamp screws under the roller box and adjust bearings with screws **E** fig. 3b, until roller box moves freely. Tighten first locknuts and then bearing clamp screws after adjusting.
- Unscrew stop screw **B** and slide the roller box **D** onto guide bar. Refasten stop screw as shown in fig. 3b.
- Set up the support trestle and slightly adjust the height. Mount the adjustable table to the roller box with the enclosed mounting screws.
- For height adjustment of the roller box use screws **F** fig. 3, and use the long fence to bring the roller box flush with the turntable fig. 4a. Adjust the height of the support trestle.
- Mount the fence as shown in fig. 4a and see section 3.7
- Turn the turntable to 90° (cutting), adjust the angle of the roller box with the mounting screw **F**. Lock the saw blade at maximum height. and use a square between the sideplate of the roller box and the saw blade to check that the angle now is 90° fig. 4b.

Brakettene monteres i flg. hull:	1203 1 & 4
Montera fästena i följande hål:	1603 2 & 5
Brackets should be attached in the following holes:	1500 1 & 3
Montieren der Halterungen in folgende Löcher:	

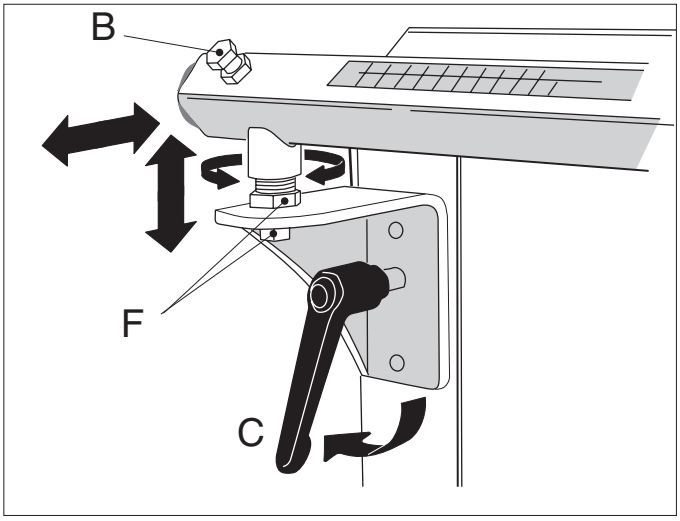

Fig. 3

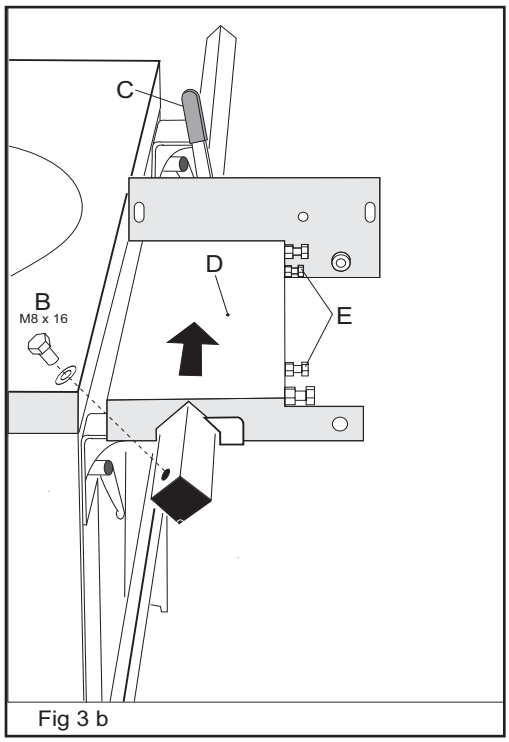

Fig 3 b

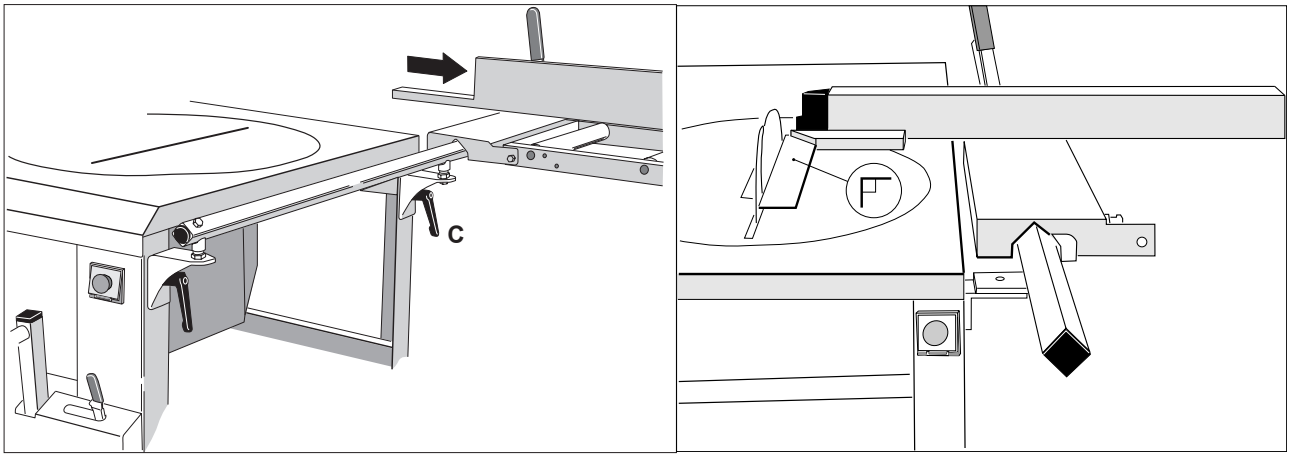

Fig. 4 a

Fig. 4 b

3.5 Mounting short work support

- Mount short work support as shown in fig. 5.
- Mount rollers approx. **1 mm** higher than saw table (at same level as the turntable.)

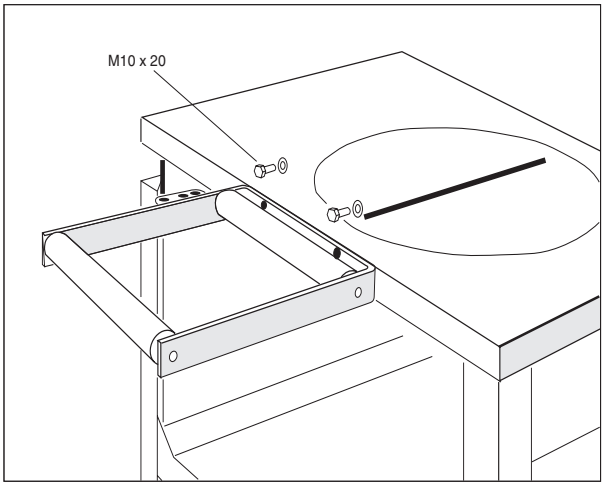

Fig. 5

3.6 Assembly and adjustment of infeed table with support trestle

Set up support trestle L (fig. 2) and adjust at approximate height. Attach the table to the rollerbox B (fig. 1) with the 8mm screws and nuts G. Don't tighten excessively. To correct the level of the rollerbox in line with the table you have to screw and press the outer bolts H on the rollerbox against the end of the table.
Tighten the longer screw G on the handle side first. Use the long fence as ruler (fig. 3).

(Don't touch the inner bolts).

Assembly of outfeed table with board support.

Attach the rollertable to the saw as shown in fig. 4.
Mount the board support (fig. 5).

The manufacturer reserves the right to make modifications.

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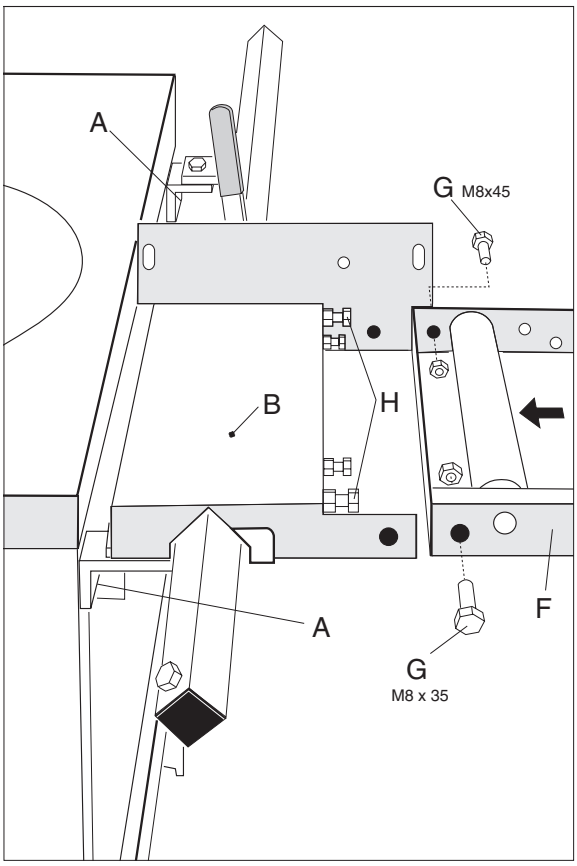


Fig. 1

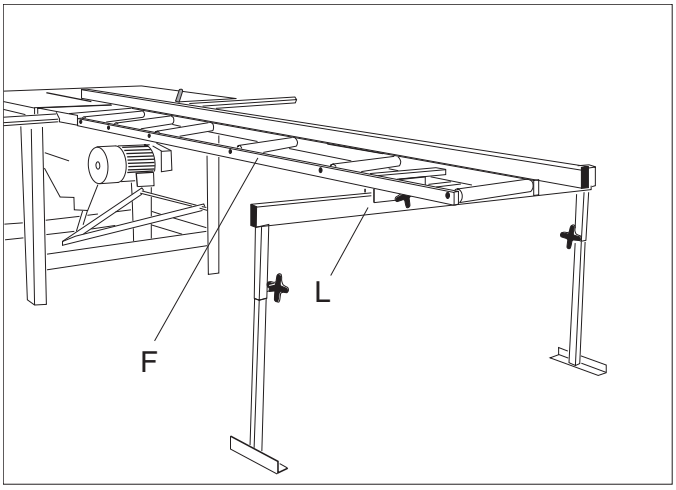


Fig. 2

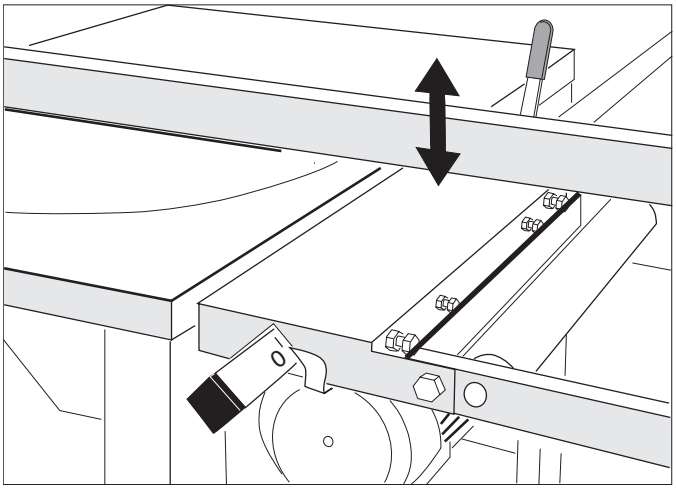


Fig. 3

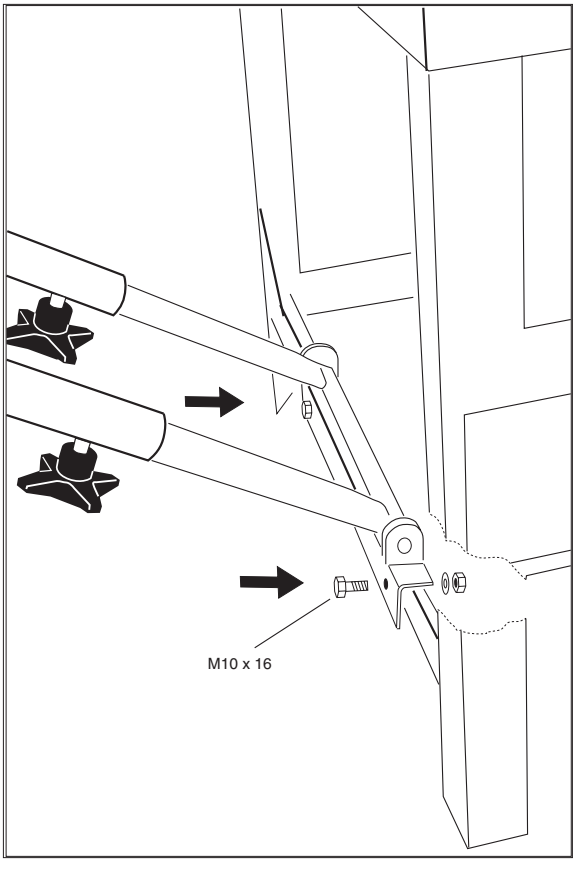


Fig. 4

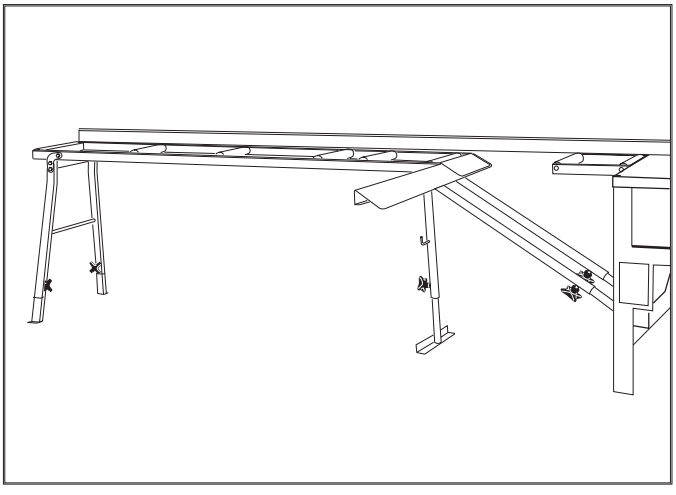


Fig. 5

3.7 Mounting aluminium rip fence on infeed table

- Screw mounting brackets **C** to infeed table as illustrated in *fig. 6*.
- Mount hinged extension stop **F** into the fence from rear end by sliding guide nut **G** into slot. Insert locking handle D *fig. 7*
- Turn the turntable to **0°** and set the sawblade in raised position. Use a square to adjust the guide bar until the rip fence is at a **90°** angle to the saw blade *(fig. 3 and 3a)*.
- Mount hinged extension stop **F** on rip fence by sliding guide nut **G** into end of slot *(fig. 7)*. Insert the locking handles **D** and guide nut **G** in the alu.profile.
- To calibrate rip fence scale, turn turntable to **0°** (as for cross-cutting), raise saw blade and lock in raised position. Move rip fence lengthwise until the end of the fence is **235 mm** (*fig. 8 and 9*) from the teeth of the saw blade. Lock fence in place with handles **D** (*fig. 6*). Set extension stop and check accuracy of rip fence setting by cutting a test piece. When rip fence adjustment is correct, attach pointer **H** to the side of the table as shown in *fig. 8 and 9*. The pointer indicates the correct position of the end of the rip fence, making it easier to return the rip fence to this position. The indicator is mounted in different directions on models 1203 and 1603, see *fig. 9* for MaxiCut 1500.
- Turn turntable to **90°** and slide the rip fence to the left until it lies alongside the saw blade. Adjust pointer **B** so that it points to **0** on the guide bar *(fig. 4)*.

3.8 Mounting aluminium rip fence on outfeed table.

- Attach brackets K as shown in fig. 12 by sliding their guide nuts into the bottom slot on the fence. Position the guides 1550 mm and 2600 mm respectively from the end of the rip fence closest to the saw and tighten screws, ensuring that they are centred precisely on the fence.
- Attach locator pin J as shown in fig. 12 by sliding its guide nut into the slot on the rear of the rip fence. Place the rip fence on the outfeed table frame, engaging pin J in the locator holes. To calibrate rip fence scale, turn turntable to 0° (as for cross-cutting) and slide rip fence lengthwise until the end of the fence is 150 mm from the teeth of the saw blade. Tighten locator pin screws. Set extension stop and check accuracy of rip fence setting by cutting a test piece.
- Mount hinged extension stop F on rip fence by sliding guide nut G into slot (fig. 7).

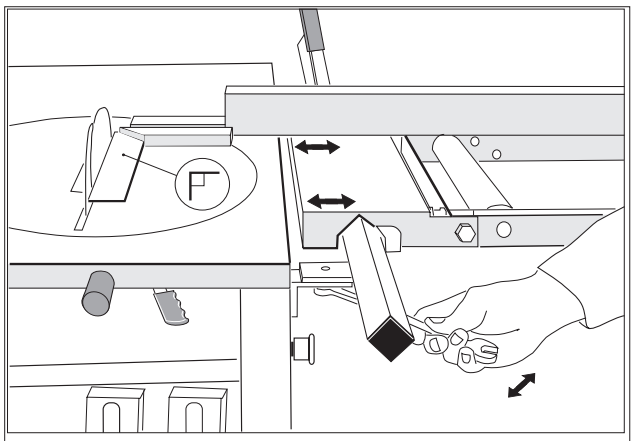


Fig. 3

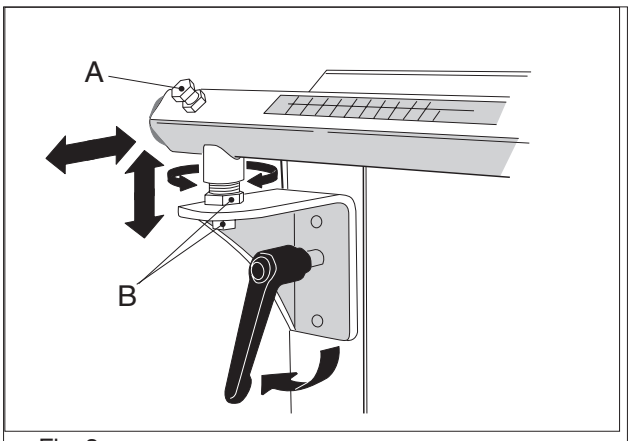


Fig. 3a

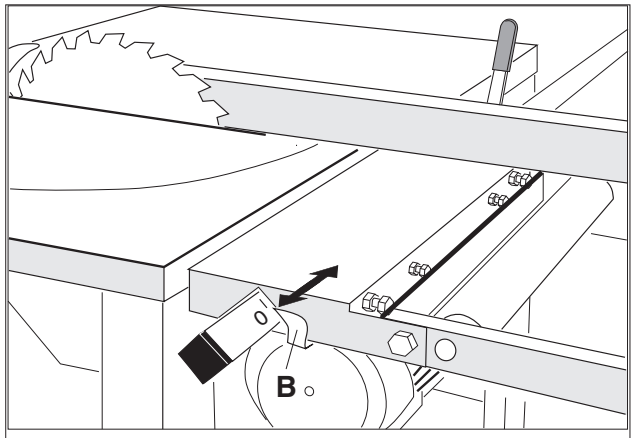


Fig. 4

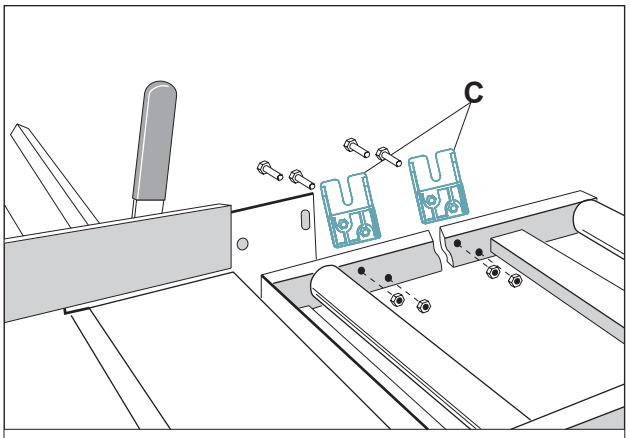


Fig. 6

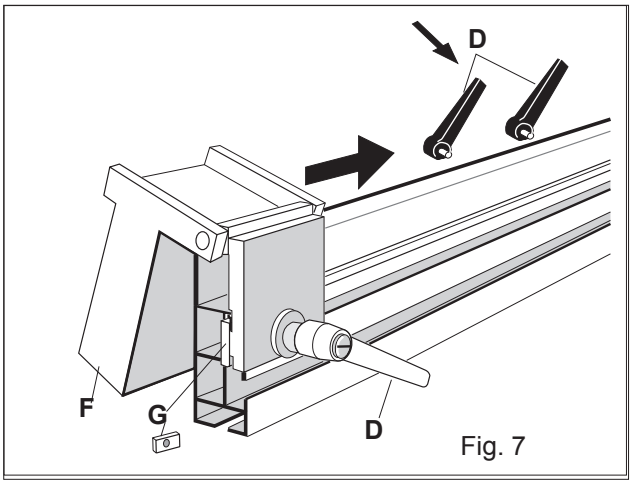


Fig. 7

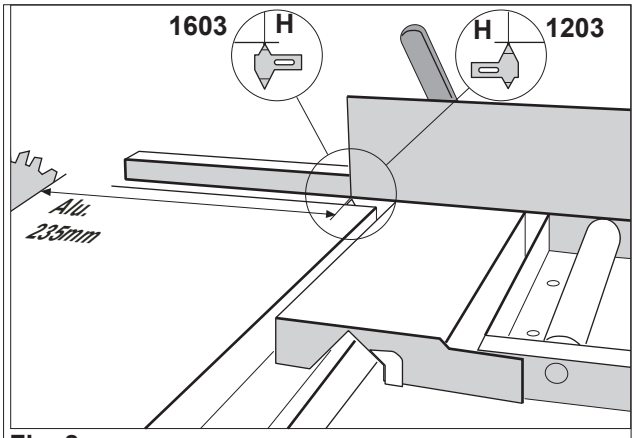


Fig. 8

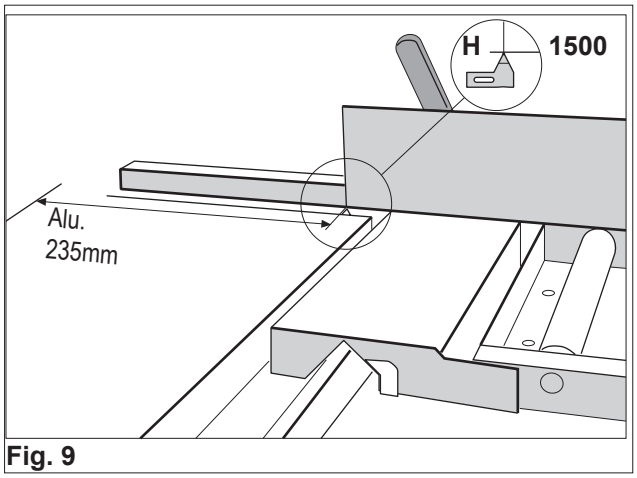


Fig. 9

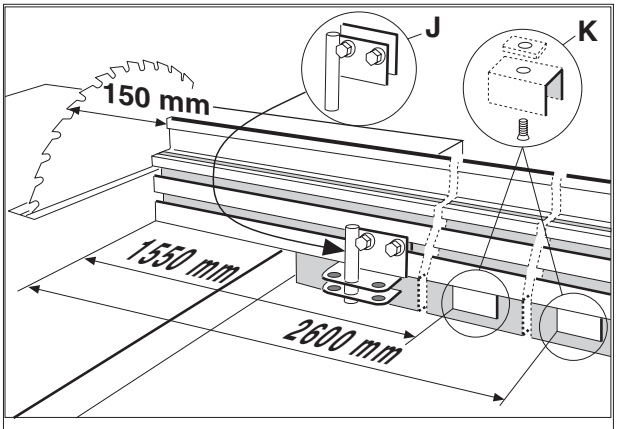
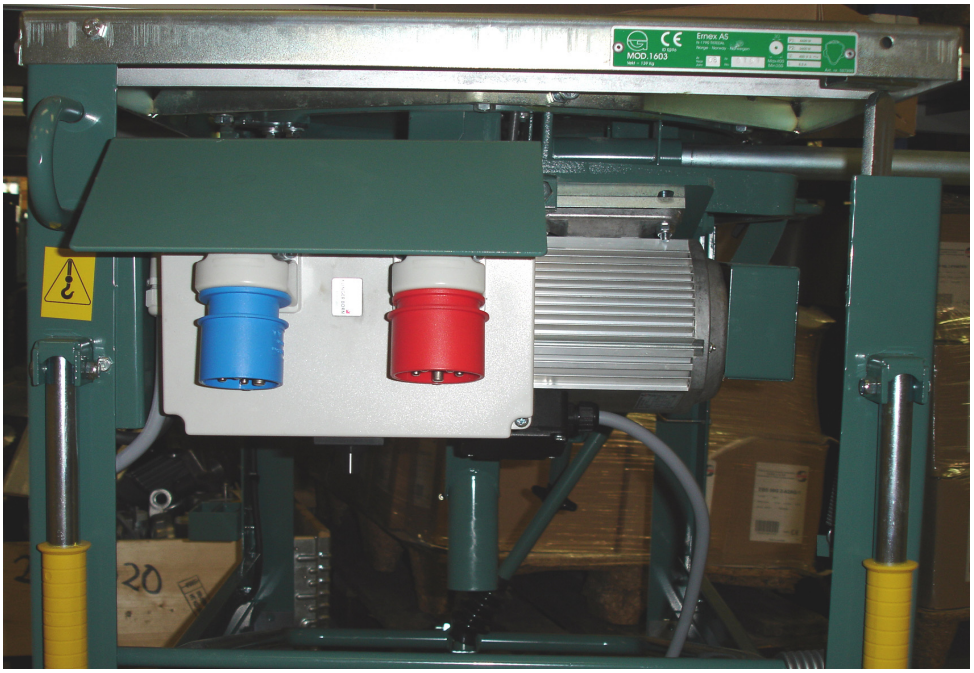


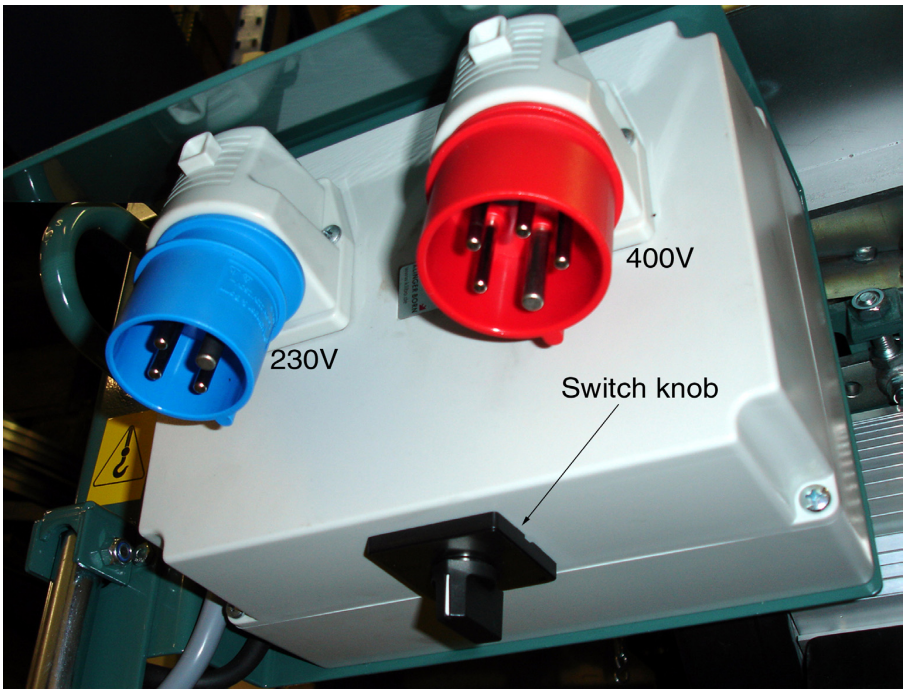
Fig. 12

Model 900018 has a different switch combination that is changeable between 230 and 400V. Please see wiring diagram.

Norsaw 900018 w/special switch 230-400V



Saw equipped with switch box changeable between 230V and 400V. NB! - Can't be used with the Dust Extractor!



NB! Make sure that the switch knob is connected to the correct power supply.

21.10.09 JH/rhm

4. FUNCTIONS

4.1 Starting and stopping motor

An On/Off switch **A** is located on one of the legs. A cover which can be locked with a padlock is mounted over the switches. *See Fig. 4.* Incorporated into the switch is a zero-voltage switch which prevents the motor from starting unexpectedly after a power-out. If the motor is overloaded, the built-in overload feature will disconnect the power. After a short cooling-off period the motor may be started again by pressing the start button. Avoid overloading the motor.

4.2 Raising and lowering saw blade

The saw blade is raised and lowered by means of the elevation arm illustrated in **B**, *Fig. 4.* The blade may be locked at the desired height by means of the elevation locking clamp illustrated in **B**, same figure.

4.3 Tilting saw blade

The saw blade must be in low position when adjusting tilting angle. Loosen tilting locking clamp **C** to tilt saw blade from 0° to 45°. *See Fig. 4.* The angle of tilt is indicated on the curved scale under the table.

4.4 Turning turntable

The turntable may be turned horizontally from 0° (ripping) to 135°. The angle is indicated on a scale on the table. Lock turntable in desired position by means of locking screw **D** or locking stop handle **E** at the front of the saw table. *See Fig. 4.* Model 1603 has pre-stops at 0° -22,5° -45° -90° and 135°. Model 1203 has pre-stops at 0° -45° and 90°.

When lifting using a crane, attachment straps can be placed diagonally around the legs (1203) or in the hooks in front (1603).

Wheels can be supplied as an option.

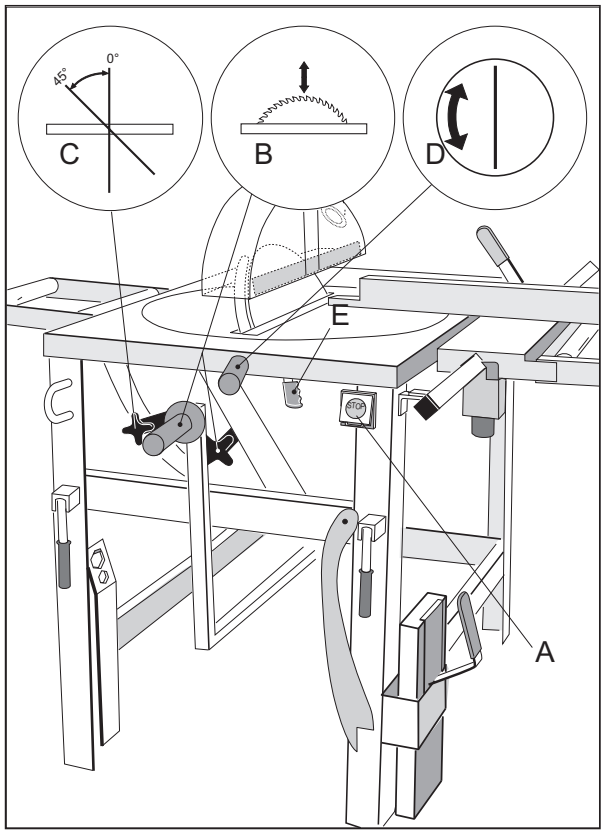
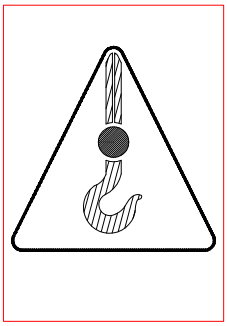


Fig. 4



5. OPERATION

5.1 Crosscutting

- There are two methods for making crosscuts (with the turntable at 90°).

A • Hold material against fence and raise saw blade to make cut. *See Fig. 5.*

B • Raise saw blade to desired height and lock into place. Place material against fence behind saw blade and feed material into saw blade by pulling fence. *See Fig. 6.*

CAUTION! Crosscutting can only be done with sawblade in a 90° angle.

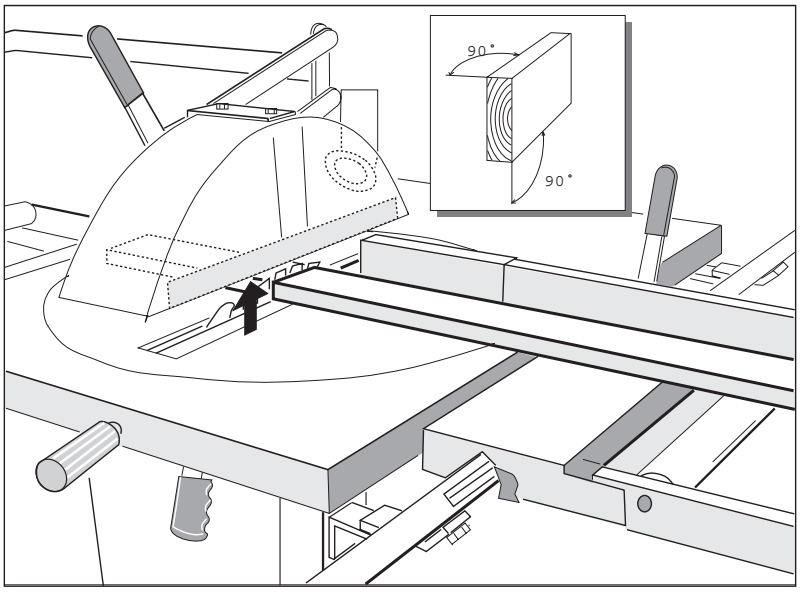


Fig. 5

Never saw more pieces at one time than can be held securly against the fence.

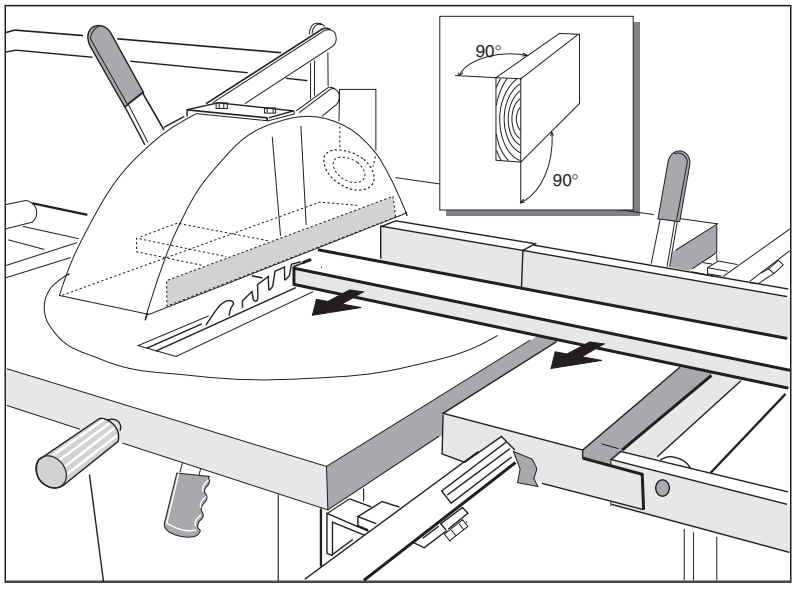


Fig. 6

5.2 Bevelled crosscutting (tilted blade)

- Tilt saw blade to desired angle and tighten locking clamp.
- Place material against fence and cut by lifting saw blade. *See Fig. 7.*

5.3 Angled crosscutting

- Set saw blade in vertical position.
- Turn the turntable to desired angle in relation to fence and lock.
- Hold material against fence and cut by lifting saw blade. *See Fig. 8.*

Fig. 7

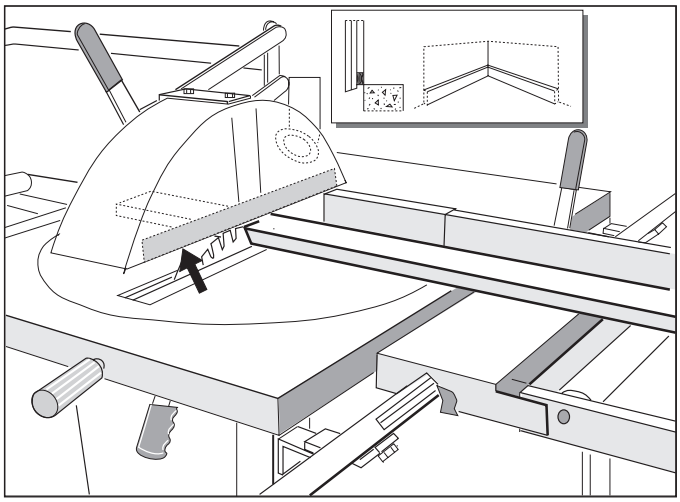


Fig. 8

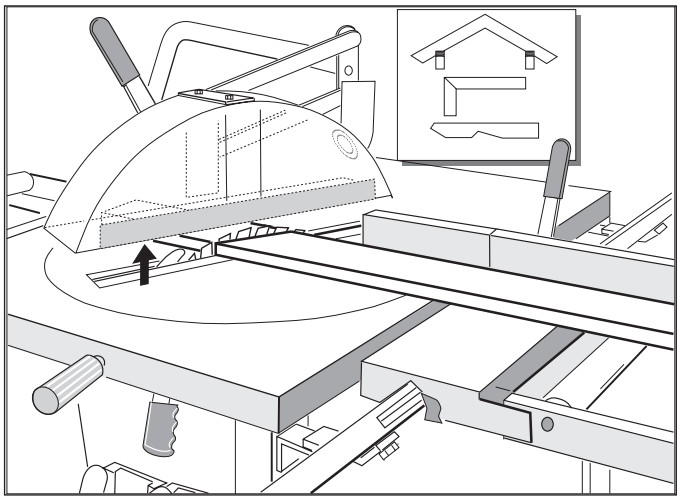
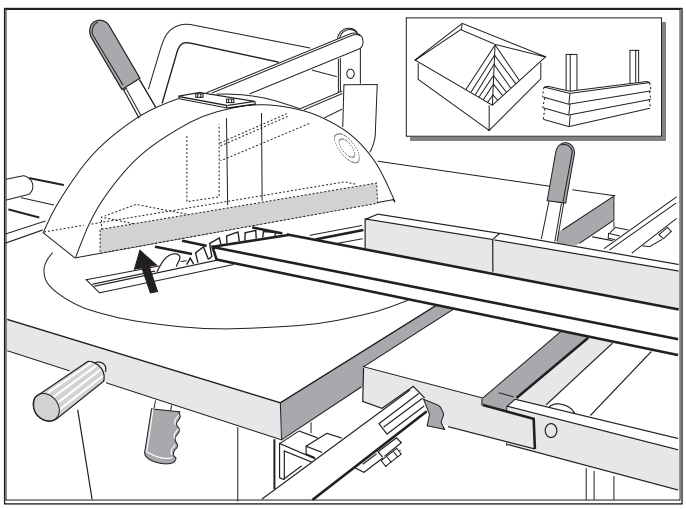


Fig. 9



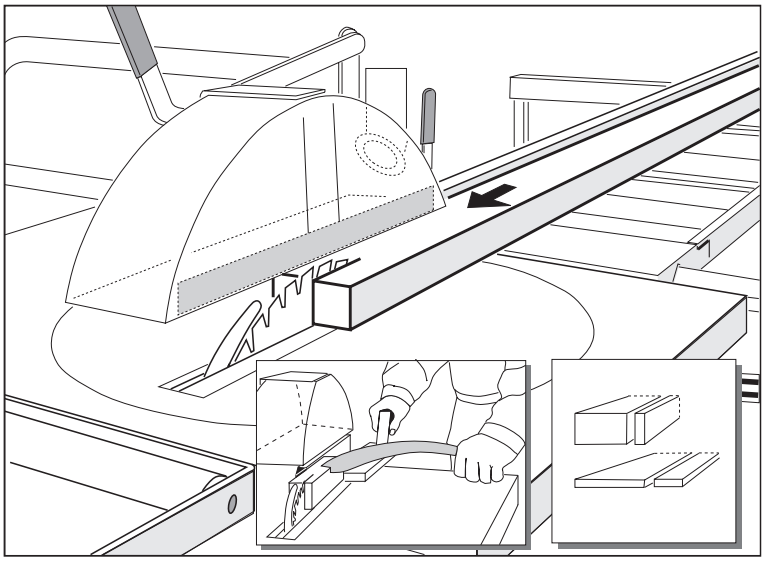
5.4 Compound angle cutting

- Set turntable as for an angled crosscut.
- Tilt saw blade to desired angle and lock.
- Hold material against fence and cut by lifting saw blade. *See Fig. 9.*

5.5 Ripping

- Lock saw blade at desired height, and turn parallel to roller table fence.
- Lock fence at desired distance from saw blade to obtain width required.
- Feed material along fence and into saw blade. Use push sticks when the distance between saw blade and fence is less than **120 mm** (5”) and the remaining length is less than **120 mm** (5”). *See Fig. 10.*
- If ripping solid material which has a tendency to jam between the saw blade and the fence, position the fence lengthwise so that its end is in level with the centre of the saw blade.

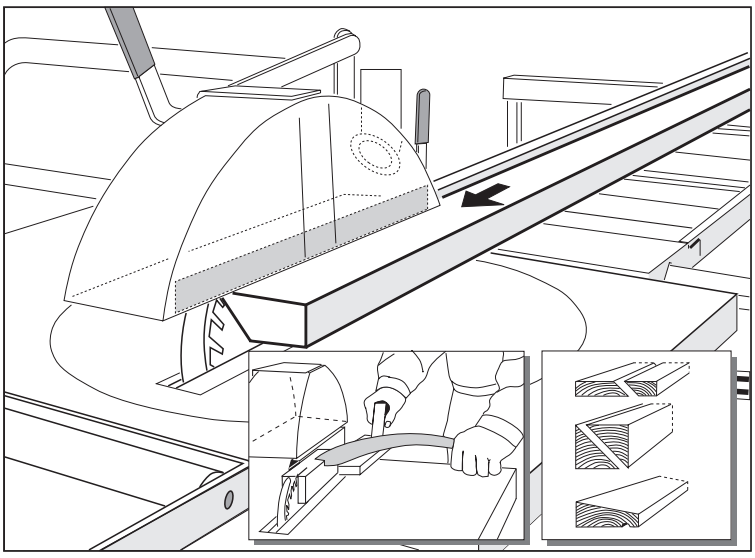
Fig. 10



5.6 Ripping with bevelled cuts

- Set turntable and fence for ripping and adjust saw blade to desired vertical angle and lock. Perform operation as described in 5.5. *See fig. 11.*

Fig. 11



5.7 Cutting grooves lengthwise

- Set saw blade in vertical position, raise and lock at desired height and adjust turntable parallel to roller table fence.
- Lock fence at desired distance from saw blade.
- Feed material along fence and over saw blade, using push sticks when the distance between fence and saw blade is less than **120 mm** (5”) and trailing end of material is less than **120 mm** (5”) from saw blade.
- Adjust fence and repeat operation until groove is the required width. *See Fig. 12.*

5.8 Cutting rabbets and grooves across material

- Set the turntable at 90° to the fence and lock the saw blade at the desired height.
- Hold material against the fence and feed it over the saw blade by pulling the roller table towards you.
- Advance material slightly along the fence and repeat the operation until the rabbet or groove has the proper width. *See Fig. 13.*

Fig. 12

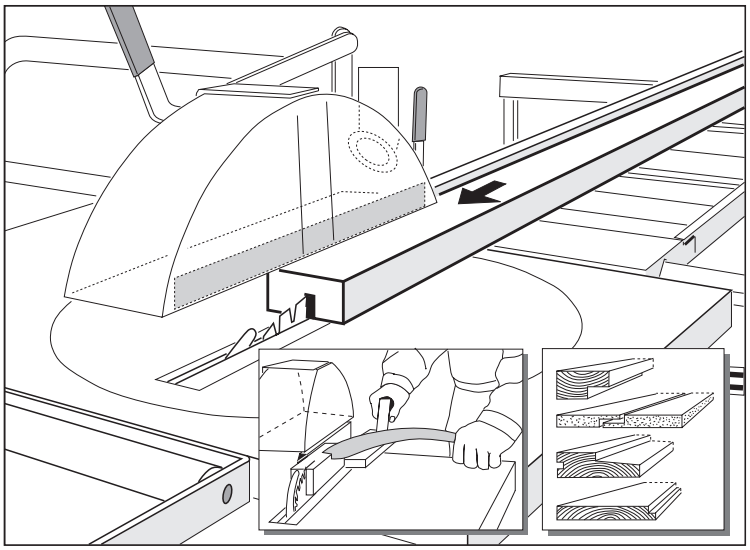
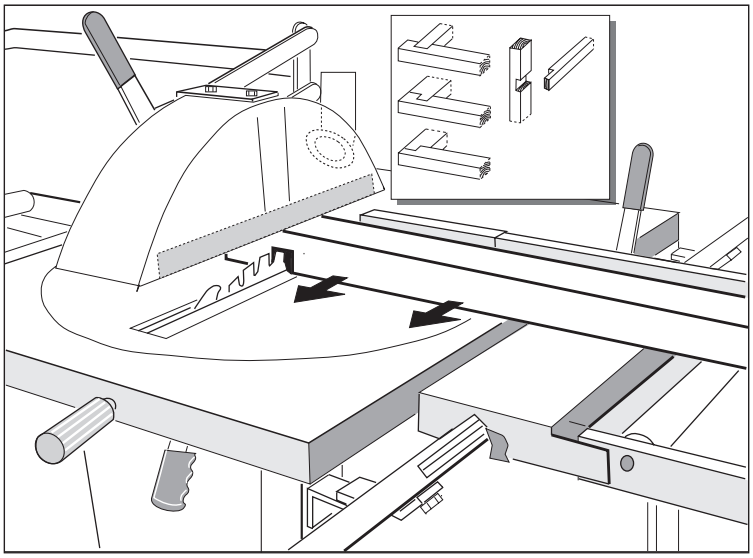


Fig. 13



6. MAINTENANCE/REPAIR

CAUTION! Make sure power supply is disconnected while performing maintenance operations. A minimum of maintenance is required to ensure satisfactory performance and a long service life.

- Lubricate moving parts, linkages and the bearings carrying the turntable at regular intervals. It is also important to lubricate the moving rings at the ends of the sawblade spindle.
- Check all screws and nuts regularly for tightness.
- Top guard should be clean. If damaged it should be replaced.
- Keep saw and saw blade cover free from sawdust. Pay particular attention to motor ventilation openings and cooling fins.
- Keep saw blade clean and in order. Replace blade if there are any cracks or missing teeth. Remove resin deposits with a suitable cleaning fluid.
- Check V-belt tension.
- The saws are equipped with motorbrakes (except for 1203/3). If the saw blade rotates more than 10 secs. after using the stop switch, the brake must be replaced.

6.1 Replacing saw blade

- Saw blade must be in lower position when being removed.
- To remove saw blade, use tools supplied with saw. First open saw blade cover. Hang upper cover in chain under sawtable and loosen arbor nut **F**. The arbor has a left-hand thread, so screw nut clockwise. Be sure to close cover when finished. *See Fig. 14.*

6.2 Replacing and adjusting riving knife

- The riving knife must always be fitted when saw is being used. Adjust riving knife as illustrated in *Fig. 14.*
- When replacing saw blade with a blade of a different thickness, the riving knife must be replaced as well. Loosen nuts **G** to free riving knife. The thickness of the riving knife should be the closest thickness under the kerf width of the saw blade. Be sure to close the saw blade cover when finished.

6.3 Replacing V-belt

- To tighten v-belts, first loosen motor mounting screws. Screw **H** changes belt tension and screw **I** alters the angle of the motor in relation to the V-belts. *See Fig. 15.*

6.4 Replacing top guard and push sticks

- The top guard and push sticks are important safety features which must be replaced immediately if damaged in any way.

REPAIR

Routines at repair:
The machine must only be repaired by qualified electricians or authorised service work shops.

Testing the brakes:
The brake for the saw blade rotation should be tested regularly. The stop-time must be max. 10 secs. Start/stop the saw 10 times in a row and check the stop-time.

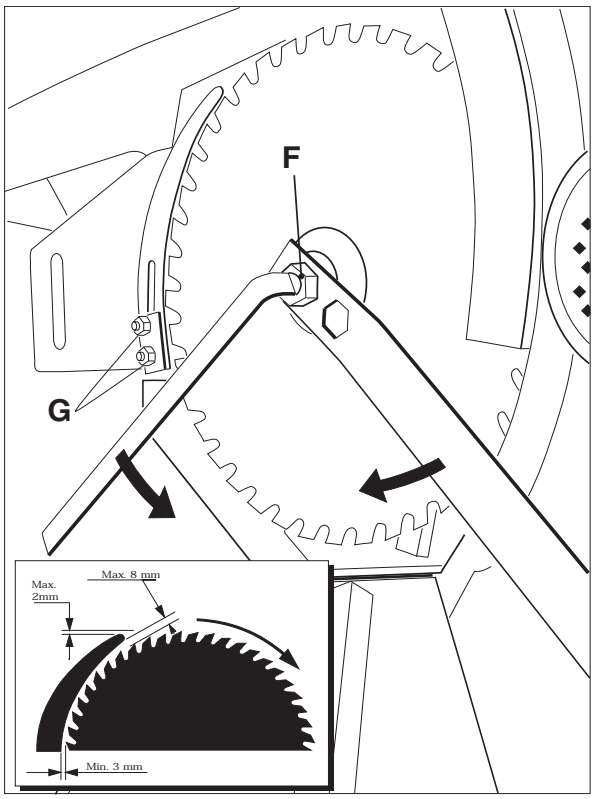


Fig. 14

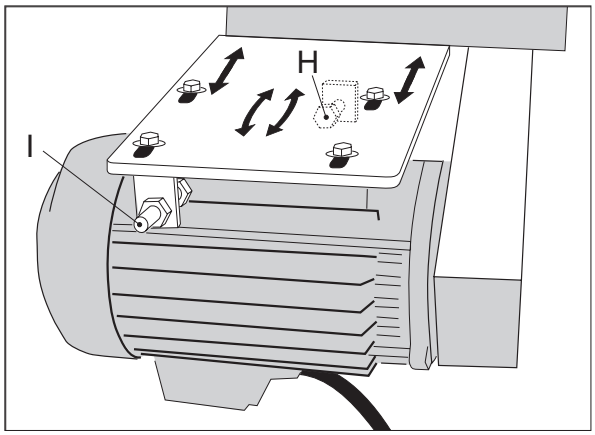


Fig. 15

7. TROUBLESHOOTING

The saw doesn't start:

* Check the power supply
* Don't use the same cable with several machines at the same time
* Check that the cable isn't too long, and that the cross-section isn't too small
* Contact an electrician

The saw vibrates and is weak

* Check that the blade box under the saw table doesn't contain chips and sawdust
* Check that the V-belt (s) is undamaged
* Check the spindle
* Check the blade for eccentricity, and that teeth are whole and sharp
* Check that the motor brake is clean and that it loosens when starting up, clean it by removing the fan cover and for instance use compressed air to purify.

The saw blade is heavy to lift and doesn't go down completely

* Check that nothing is stuck in the blade box
* Check that the bearings in the ball jointed arm and the movable glide rings at either end of the spindle are not stuck.

8. WARRANTY SERVICE

Notwithstanding any statutory requirements, Ernex AS provide warranty in accordance with the legislation of the customer‘s own country of residence, but in all cases for a minimum of 3 years, except for electrical parts which still has a 1-year warranty commencing from the date on which the machine is sold to the end user. Ernex AS/The importer promise to repair, or at our option, replace with like grade and quality any product determined to be faulty due to the failure of parts, material or workmanship.

The warranty covers defects in material and/or workmanship only. When making a claim under the warranty, proof of purchase bearing the original date of purchase must be submitted. The repairs under warranty may only be carried out by Ernex AS, or by authorized Ernex warranty service agents or the importer.

The warranty will not apply in cases of:

- incorrect use, overloading of the machine or fitting non-approved accessories

- use of force, damage caused by external influences, or foreign bodies

- damage caused by non-observance of the instructions for use, such as connection to an unsuitable mains supply or voltage or non-compliance with the installation instructions

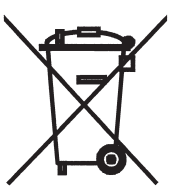
- normal wear and tear

The warranty also does not cover machines which have been partially or completely dismantled.

9. TECHNICAL DATA

Norsaw 1203

Manufacturer:	Ernex AS, Norway.
Model:	Norsaw 1203
Table:	520 mm x 780 mm
Transport height:	650 mm
Height w/base:	850 mm
Weight:	95 kg.
Sawblade:	Carbide-tipped, Z=30 Diam. 300 mm Arbor hole 30 mm Kerf width 3,2 mm Blade thickness 2.2 mm
Riving knife:	Hardened steel, standard thickness 2,5 mm
Cutting height:	104 mm at 90° (vertical) 70 mm at 45° (tilted)
Motor:	Single-phase: 2 kW , 50 Hz, 110/240 V Three-phase: 1.5 kW, 50 Hz, 230/400 V
Motor speed:	2800 rpm
Spindle speed:	2700 rpm
Peripheral speed:	43 m/s with standard blade.
Cable dimension:	Single-phase: minimum 3 x 1,5 $mm^{2.}$ Three-phase: minimum 5 x 1,5 $mm^{2.}$
Fuse:	Single-phase: 16 A time-lag fuse Three-phase: 10 A time-lag fuse
Extension cord:	2.5 mm^2 recommended - Max. length 20m
Overload protection setting:	Single-phase: 9,3 A, three-phase: 3,4 A
Drive belts:	Single-phase: 1 V-belt XPZ 9.5 x 772 QP Three-phase: 2 V-belts XPZ 9.5 x 772 QP
Noise as per 2006/42/EC:	No-load: 83.6 dB Loaded: 87.5 dB
CE-certification:	Certified by Dansk Teknologisk Institut, Aarhus Identification number: 0396, approval certificate number TI-09-MD-0310



Norsaw 1603

Manufacturer:	Ernex AS, Norway
Model:	Norsaw 1603
Table:	930 mm x 640 mm
Height:	850 - 900 mm
Weight:	139 kg
Saw blade:	Carbide-tipped, Z=40 Diam. 400 mm Arbor hole 30 mm Kerf width 3,5 mm Blade thickness 2,3 mm
Riving knife:	Hardened steel, standard thickness 3,0 mm
Cutting height:	148 mm at 90° (vertical) 90 mm at 45° (tilted)
Motor:	Three-phase: 3,4 kW, 50 Hz, 230/400 V
Motor speed:	2800 rpm
Spindle speed:	2200 rpm
Peripheral speed:	48 m/s with standard blade
Cable dimension:	Three-phase: minimum 5 x 1,5 mm^2.
Fuse:	16 A time-lag fuse
Overload protection setting:	16 A (230 V), 8,5 A (400 V)
Drive belts:	3 V-belts XPZ 9.5 x 875 QP
Noise as per 2006/42/EC:	No-load: 84,4 dB Loaded: 88,0 dB
CE-certification:	Certified by Dansk Teknologisk Institut, Aarhus. Identification number: 0396, approval certificate number TI-09-MD-0312

10. STANDARD EQUIPMENT

- Roller box.
- Guide bar
- Support roller
- Carbide-tipped saw blade
- 2 push sticks
- Top guard
- Hand tools

OPTIONAL EQUIPMENT

- Adjustable infeed roller table *
- Long fence, Aluminium 2.6 m with length stop
- Telescopic extension
- Fixed outfeed roller table with board support
- Fence, Alu. 3 m
- Wheels/pushing slider
- Sawdust extractor
- Fittings and flexible hose
- *According to the CE-regulations, adjustable rollertable must always be used.*

Ernex AS Spare Part List Gjerde 1203

Pos.	Art.No.	Text
1	708 001	Saw table w/elevation frame
2	708 002	Elevation frame
3	720 252	Guide bar
3	720 271	Guide bar w/brackets compl. (10/05-)
4	708 010	Saw frame
5	708 003	Saw base
6	708 025	Table top
7	745 748	Guide bar compl. (91-10/05)
8	745 922	Brackets f/guide bar (2) (91- 10/05)
9	745 746	Measure f/guide bar
10	745 901	End plug f/guide bar
11	745 927	Roller box compl. (91-)
12	717 548	Handle
13	745 919	Guide roller w/bearings (4)
14	745 965	Caster w/screw f/roller box (1)
15	720 205	Nut w/screw f/guidebar (10/05)
16	745 685	Adjustment bolt M8x35
17	745 961	Indicator f/roller box
18	745 960	Locking system f/roller box compl.
20	745 929	Handle f/r.box locking
21	720 075	Plastic sleeve 25x5 (93-99)
22	745 959	Fixing brackets f/roller box
23	708 329	Ball jointed arm
24	707 710	Short work support compl.
25	707 711	Roller
26	707 005	Catch/spring assembly
27	745 037	Support hooks f/saw base (2)
28	708 338	Elevation arm
29	708 733	Lifting handle (93-99)
30	720 073	Plastic sleeve Ø22 f/elev.arm (99-)
31	708 747	Device f/pre-stop
32	708 613	Device f/pre-stop
34	720 286	Lifting handle (99-)
35	707 019	Hook f/push stick
36	708 781	V-belt NL (787mm)
37	708 111	Turntable compl.
38	708 108	Packing strips (2)
39	707 312	Bearing assembly f/turntable (6)
40	707 952	Pre-stop f/turntable
41	708 015	Handle f/pre-stop
42	707 072	Spring
43	708 311	Locking clamp f/turntable compl.
44	707 398	Brass pc. f/locking screw
45	707 704	Locking clamp f/height adjustment
46	708 320	Tilting scale
47	720 074	Plastic sleeve 25x8 mm
48	708 610	Upper guard compl.
49	702 602	Dome Ø40 cm 1200
50	708 608	Hood w/dustconnector
51	707 604	Suction connector w/rivets
52	708 600	Guardarm compl.
53	707 601	Adjusting bar (2)
54	708 630	Fixing bracket
55	708 767	Bracket f/guide bar compl. (10/05-)
56	708 738	Spindle assy. compl. Ø 30mm (93-)
57	720 320	Bracket f/guide bar (1) (10/05-)
58	708 737	Spindle Ø30 mm (93-)
60	708 489	Ballbearings f/spindle (89-)
61	708 103	Spindle pulley w/cotter
62	708 102	Nut & washer w/cotter
63	708 304	Motor pulley
64	708 105	Blade retaining plate
65	708 106	Arbornut (left-handed)
66	708 305	V-belt XPZ 9,5 x 772 QP
67	708 322	Riving knife 2.5mm std.
68	708 323	Riving knife 3mm
69	708 326	Clamps & bolts f/riving knife
70	708 109	Parallel bar
71	708 314	Blade cover compl. (-05)
72	708 085	Blade cover compl. NL (05-)
73	708 758	Slide cover
74	708 368	Cap f/blade cover
75	708 110	Cover plate
76	702 135	Cover plate (05-)
77	708 315	Slide cover (-05)
78	708 442	Spring f/slide cover
79	708 316	Protection plate f/saw blade (-05)
81	708 317	V-belt cover
82	745 413	Locking screw “special” M6x13
87	708 786	Rocker shaft w/bearings (09/07-)
88	708 197	Bearings f/rocker shaft (09/07-)
89	708 771	Motor 230V/1-2.2kW w/br.switch
90	708 800	Motor 230V/1-2.2kW w/o br. EMG
91	708 300	Motor 230/400V/3-1.5 kW
92	708 780	Motor 230V/1-ph. 2.2kW Hanning (97-)
94	722 300	Motor 230V/1-1.5kW EMG (-08/97)
95	726 300	Motor 110V/1-1.5kW Hanning
96	727 300	Motor 230V/1-1.5kW Hann. (Sv./UK)
97	708 086	Brake f/Hanning motor
98	708 793	Brake f/motor incl. fan EMG
99	708 796	Terminal box w/cover EMG
100	708 742	Terminal box ELD
101	708 804	Relay f/708801 (10/04-)
102	723 303	Cap f/switchbox Hanning
103	722 303	Cap f/switchbox Mez
105	707 087	Fan f/Hanning motor
106	708 748	Fan 1&3-ph. ELD with ring
107	708 805	Fan EMG f/motor 708800
108	707 088	Fan cover Hanning
109	707 301	Fan cover Mez
110	708 794	Fan cover EMG
111	708 723	Fan cover ELD
113	708 333	Capacitor 40MF EMG
114	722 332	Capacitor 50 MF Ganz/Mez
115	708 332	Capacitor 55 MF ELD
116	708 782	Capacitor 40MF Hanning 2.2kW
117	726 332	Capacitor 110MF 110V
118	727 332	Capacitor 40MF Hanning 1.5kW
119	708 795	Capacitor box EMG
120	745 221	Relay 230/400V Tripus/K&B
121	708 076	Relay 2kW K&B f/switch 708752
122	708 081	Mountingset f/emergency-stop
123	708 756	Bracket f/stopswitch single ph.
124	708 210	Motor protection 230V/3 7,5 Amp K&B

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124	708 309	Motor protection 230V/3 Tripus
125	708 264	Motor protection f/708750
125	722 309	Motor protection 230V/1 10-13ATr.
126	708 762	Motor prot. 230V/3 f/switch 708761
127	708 798	Fixing bracket f/motor EMG
129	708 744	Electronic card 230V/1-3 ph. K&B
130	708 802	Electronic card f/switch 708801
131	708 799	Rectifier f/brake EMG
132	707 227	Fuse f/electr. card 10AMP K&B/Tr.
139	708 065	Bushing Ø30-Ø20
140	772 727	Locking clamp M10x30
144	707 328	Push stick
145	745 099	Push stick
146	701 114	Tool f/arbor nut
147	717 555	Spindle tool
148	707 838	Carton w/std. parts
149	707 161	Rep. set pivot bearings
150	708 750	Switch 230V/1 w/brake & cable 94-96
151	708 752	Switch 230V/1-2.2kW K&B 97-
152	708 761	Switch 230V/3 w/cable K&B 94-
153	708 770	Switch 400V/3 w/brake & cable 94-
154	736 307	Switch 400V/3 Telemec.
155	708 774	Switch knob K&B
156	708 956	Switch 230V/1-2.2kW K&B 97-10/99
157	708 726	Switch 230V/3 w/stop-Tripus 92-94
158	707 307	Switch 230V 10-13A Telemec. (-92)
159	708 755	Switch 230V/1-1.5kW K&B 96-97
160	726 307	Switch 110V/1 Telemec. -92
161	708 801	Switch 230V/1 w/br. K&B (EMG)
162	736 307	Switch assy. 400V/3 Telemec.
163	707 310	Stop switch
164	708 018	Switch cover 6x6cm K&B (-06/01)
165	708 020	Switch cover K&B (06/01-) w/PVC cove
166	707 115	Switch cover Tripus (5x6 cm)
167	707 706	Ball bearings f/roller box 608ZZ (6)
168	771 706	Ball bearings -00/02 (4) OLD
169	708 753	Cover f/Tripus switch PVC
170	708 789	Sleeve f/ball jointed arm
171	708 772	Switch 400/3-3kW w/brake

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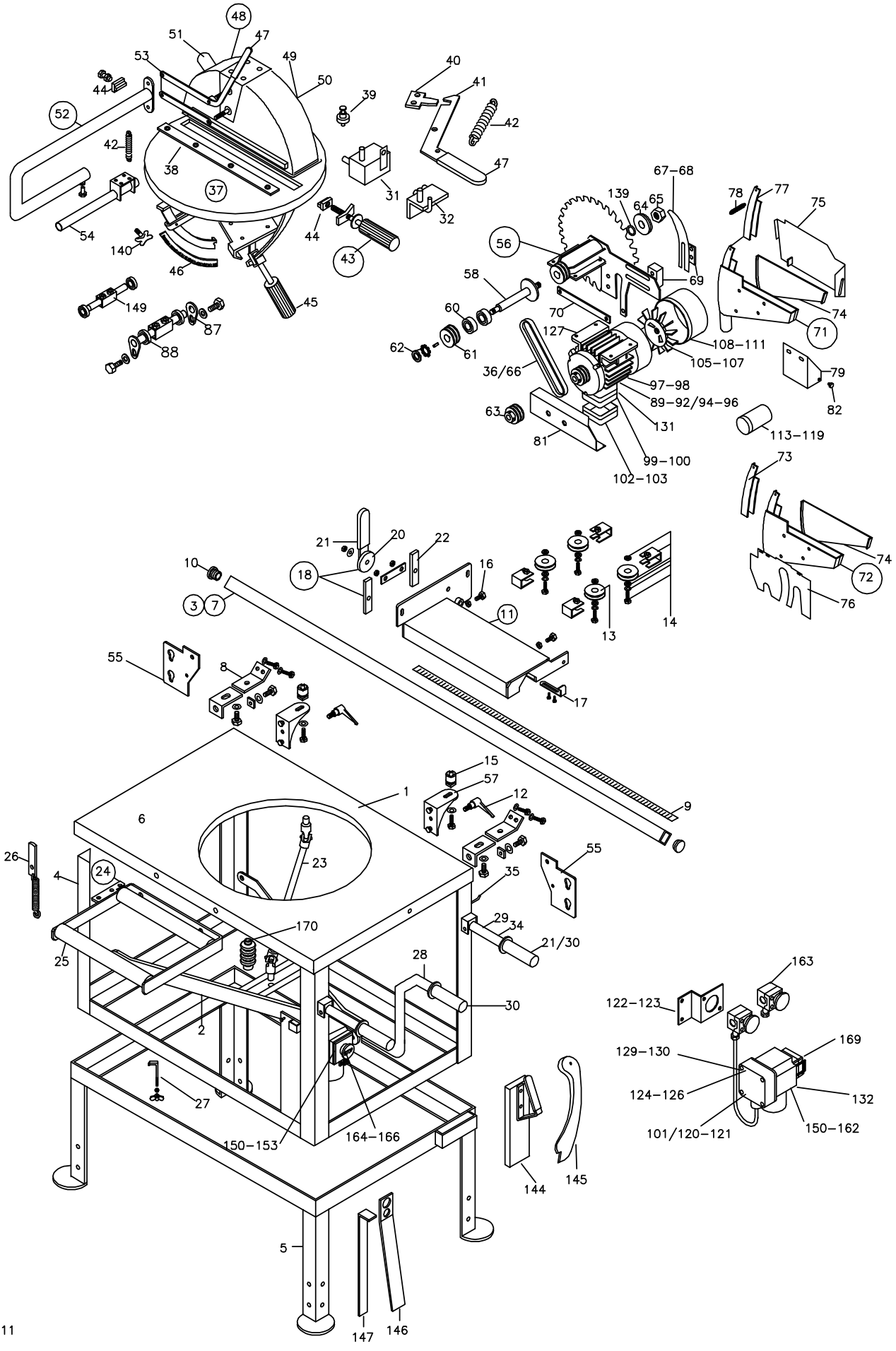
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Ernex AS Spare Part List Gjerde 1603

Pos.	Art.No.	Text
1	707 001	Sawtable w/elevation frame
2	707 941	Elevation frame (92-)
3	720 252	Guide bar
3	720 271	Guide bar w/brackets compl. (10/05-)
4	707 004	Spring f/elevation frame
5	707 093	Leg extension galv.
6	707 025	Sawtable top
7	745 748	Guide bar compl. (91-10/05)
8	745 922	Brackets f/guide bar (2) (91-10/05)
9	745 746	Measure f/guide bar
10	745 901	End plug f/guide bar
11	745 927	Roller box compl. (91-)
12	717 548	Handle
13	745 919	Guide roller w/bearings (4)
14	745 965	Caster w/screw f/roller box (1)
15	720 205	Nut w/screw f/guidebar (10/05)
16	745 685	Adjustment bolt M8x35
17	745 961	Indicator f/roller box
18	745 960	Locking system f/roller box compl.
20	745 929	Handle f/r.box locking
21	720 075	Plastic sleeve 25x5 (93-99)
22	745 959	Fixing brackets f/roller box
23	707 329	Ball jointed arm
24	707 710	Short work support compl.
25	707 711	Roller
26	707 005	Catch/spring assembly
27	707 331	Roller f/elevation arm
29	707 945	Elevation arm (92-)
30	720 073	Plastic sleeve Ø22 f/elev.arm (99-)
31	707 081	Lifting handle L
32	707 082	Lifting handle R
33	707 617	Lifting handle (92-99)
34	720 286	Lifting handle (99-)
35	707 019	Hook f/push stick
36	707 905	Bracket f/push sticks
37	707 111	Turntable compl.
38	707 108	Packing strips (2)
39	707 312	Bearing assembly f/turntable (6)
40	707 952	Pre-stop f/turntable
41	707 955	Handle f/pre-stop
42	707 072	Spring
43	707 311	Locking assembly f/turntable
44	707 398	Brass pc. f/locking screw
45	707 318	Height locking clamp
46	707 320	Tilting scale
47	720 074	Plastic sleeve 25x8 mm
48	707 610	Upper guard compl.
49	701 602	Dome Ø52 cm 1600
50	707 608	Hood w/dust connector
51	707 604	Suction connector w/rivets
52	707 600	Guardarm compl.
53	707 601	Adjusting bar (2)
54	707 630	Fixing bracket
55	707 006	Rep. assy. f/frame
56	707 990	Spindle assembly Ø30 mm compl.
57	720 320	Bracket f/guide bar (1) (10/05)
58	707 991	Spindle w/clamp Ø30 mm
59	707 203	Spindle Ø 30 mm (set)
60	707 104	Ball bearings f/spindle (2)
61	707 103	Spindle pulley
62	707 102	Nut & washer w/cotter
63	707 304	Motor pulley
64	707 105	Blade retaining plate
65	707 106	Arbornut (left handed)
66	707 305	V-belt XPZ 875 Quad-Power
67	707 323	Riving knife 3 mm - Std.
68	707 324	Riving knife 3.5mm
69	707 326	Clamps & bolts f/riving knife
70	707 109	Parallel bar
71	707 854	Blade box (08- SE)
72	707 963	Blade cover compl. (Ø100 mm)
73	707 903	Rep.set, blade cover incl. new cover
74	707 368	Cap f/blade cover
75	707 110	Cover plate
76	707 583	Guard cover
77	707 315	Slide cover w/spring
78	707 408	Spring f/slide cover
79	707 316	Protection plate f/sawblade
81	707 317	V-belt cover
82	708 528	Locking screw “special” M6x13
83	707 154	Connection NL
84	707 156	Connection NL (03-)
85	707 402	Hinge f/blade cover right
86	707 403	Hinge f/blade cover left
87	708 196	Rocker shaft w/bearings (10/05-)
88	708 197	Bearings f/rocker shaft (10/05-)
90	707 196	Motor 230V/3-3.4kW EMG (02-)
91	707 197	Motor 400V/3-3.4kW EMG (02-)
92	707 097	Motor 400V/3-3.6kW Hann. NL (w/o pu
93	707 300	Motor 230/400V/3- 3 kW
97	707 086	Brake w/spring f/motor Han.
98	708 793	Brake f/motor incl. fan EMG
99	707 796	Terminal box w/cover EMG
100	707 089	Terminal box w/lid, Hanning
104	708 798	Fixing bracket f/motor EMG
105	707 087	Fan f/Hanning motor
108	707 088	Fan cover Hanning
109	707 301	Fan cover Mez
110	708 794	Fan cover EMG
111	707 123	Switch box (empty) f/707098
112	707 982	Switch box (empty) Tripus f/707981
113	707 192	Switch box (empty) K&B (707512)
114	707 875	Switch box (empty) w/cover f/707119
115	707 808	Switch start/stop panel, Tripus (-92)
116	707 191	Start/Stop w/o relay 400V/3-3.6kW
117	707 983	Switch plate
118	707 193	Switch box f/sw. 707020
119	707 194	Switch box f/sw. 707120
120	707 151	Relay 400V/3 -3.6kW Hanning
121	707 501	Start/stop w/relay 400V/3-3kW
122	707 508	Relay 230V/3 -3.6kW Hanning
123	717 521	Relay 230-400V/3 Tripus
124	707 309	Motor protection 230V/3 Tripus (92-)
125	707 219	Motor protection K&B (02-) f/707015

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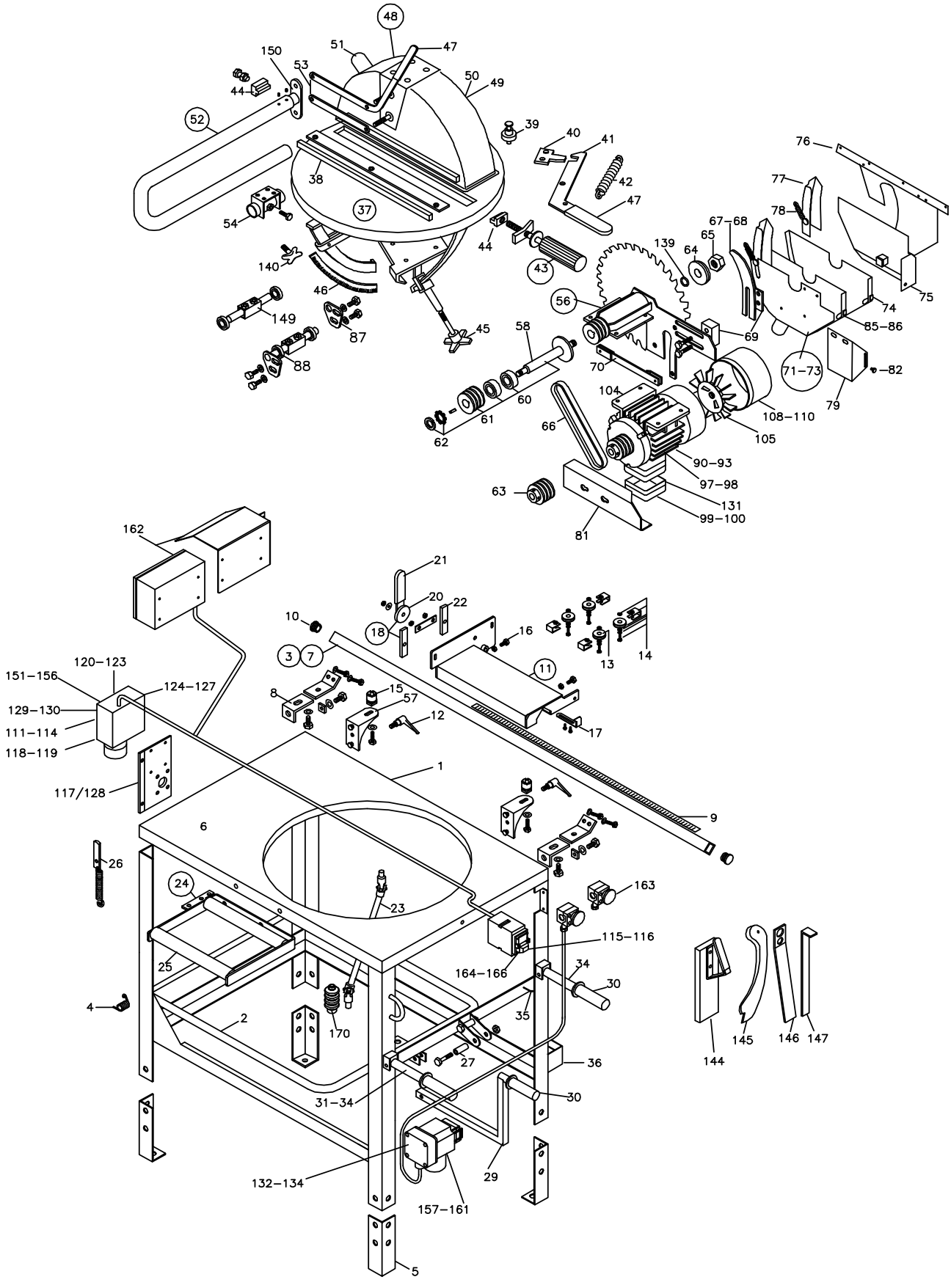
126	734 319	Motor prot. 400V/3 f/br.switch Tr.
127	707 220	Motor protection 3.4kW f/707098/120
128	707 218	Bracket f/switch mounting
129	707 650	Print card 400V/3 K&B
130	707 999	Electronic card 230/400V/3Tripus
131	708 799	Rectifier f/brake EMG
132	707 227	Fuse f/electr. card 10AMP K&B/Tr.
133	707 255	Fuse cont.
134	707 254	Fuse f/switch (in cover)
139	707 910	Bushing Ø30-Ø25
140	772 727	Locking clamp M10x30
144	707 328	Push stick
145	745 099	Push stick
146	701 114	Tool f/arbor nut
147	717 555	Spindle tool
148	707 838	Carton w/std. parts
149	707 161	Rep. set pivot bearings
150	707 593	Bracket f/guard arm (04/10-)
151	707 098	Switch assy. 230V/3-3.6kW 16A (10/96-
152	707 119	Switch assy. 400V/3-3.6kW (97-)
153	707 511	Switch f/901015 (11/07-) NL
154	707 981	Switch assy. 230V/3 w/br. Tr. (92-97)
155	707 120	Switch 230V/3-3.6kW-32A K&B (01-)
156	707 015	Switch 400V/3 w/brake 3kW (94-97)
157	707 021	Switch 400V/3 w/brake K&B (92-94)
158	713 016	Switch 230V 10-13A (-92)
159	707 514	Switch f/901014 (11/07-) NL
160	707 515	Switch f/901015 NL w/turning indicator
161	707 516	Switch f/901014 NL w/turning indicator
162	707 523	Switch, alternating 230-400V (08-)
163	707 310	Stop switch
164	707 018	Switch cover K&B -06/01 (6x6 cm)
165	707 030	Switch cover K&B 06/01- (5x6 cm)
166	707 115	Switch cover Tripus (5x6 cm)
167	707 706	Ball bearings f/roller box 608ZZ (6)
168	771 706	Ball bearings -00/02 (4) OLD
170	708 789	Sleeve f/ball jointed arm

1603



2011

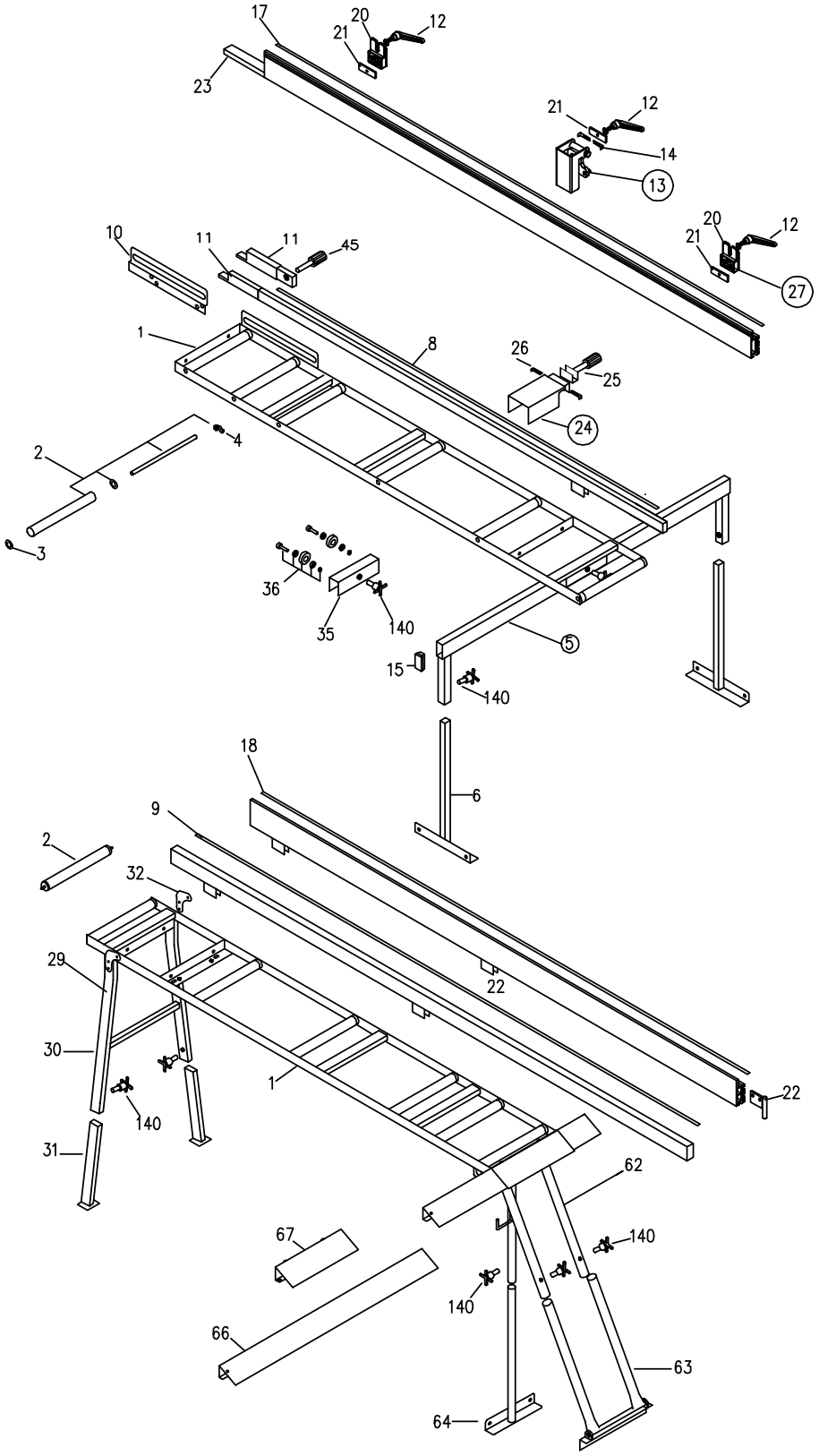
ENGLISH

Ernex AS Spare Part List Rollertables/Accessories 12-/1603-1500

Pos.	Art.No.	Text
1	745 715	Frame with rollers
2	772 728	Roller compl.
3	707 879	Nylon bearings (2)
4	772 878	Plug
5	745 376	Support trestle compl.
6	745 310	Trestle leg (1)
8	772 722	Measure f/steel fence 2.6m
9	772 742	Measure f/steel fence 3m
10	745 912	Bracket f/steel fence
11	772 723	Wooden extension f/steel fence
12	717 548	Handle f/alu.fence
13	717 540	Length stop f/alu.fence compl.
14	772 736	Indicator f/length stop (alu.)
15	745 923	End plug f/trestle
17	772 754	Measure f/alu.fence (Adj. right)
18	772 755	Measure f/alu.fence, left
19	745 764	Locking clamp M8x14
20	772 937	Bracket f/alu.fence
21	717 535	Nut f/fence & length stop
22	772 953	Accessories f/alu.fence (left)
23	772 956	Extension f/alu.fence
24	772 729	Length stop f/steel fence compl.
25	772 730	Locking clamp f/length stop
26	772 731	Indicator f/length stop (steel)
27	772 964	Fixing bracket f/alu. fence
29	745 925	Trestle compl.
30	745 817	Trestle, upper part (fixed)
31	745 917	Trestle legs f/fixed table R/L
32	745 958	Hinge w/screws
35	772 726	Sub-carrier compl.
36	772 734	Ball bearings f/sub-carrier (2)
37	972 995	Telescope extension compl. Option
38	772 996	End section f/telescope
39	745 584	Locking clamp f/telesc. extension M12x43
45	707 704	Locking clamp f/wood extension
62	745 964	Assembly f/fixed table
63	772 746	Fixing assy. f/fixed table
64	772 733	Trestle leg single
66	772 747	Board support
67	745 712	Board support retainer
68	700 307	Rep. paint
69	708 812	Wheel device 1203 (04/10-) (2 pcs.)
70	708 811	Wheel shaft 1203 (04/10-)
71	702 309	Pushing slider 1203 (04/10-)
72	707 594	Wheel shaft 1603 (04/10-)
73	708 641	Foot/wheel suspension H. 1603 (04/10-)
74	708 642	Foot/wheel suspension V. (04/10-)
75	707 597	Pushing slider 1603 (04/10-)
76	772 771	Fixing assy f/fixed table NL “long legs”
118	720 072	Wheel (1) (04/10-)
140	772 727	Locking clamp M10x30
141	745 624	Short fence
142	745 462	End cap front
143	745 618	Blanking plug
145	908 527	Wheels/Pushing slider 1203 (set) Option
146	907 527	Wheels/Pushing slider 1603 (set) Option

2011

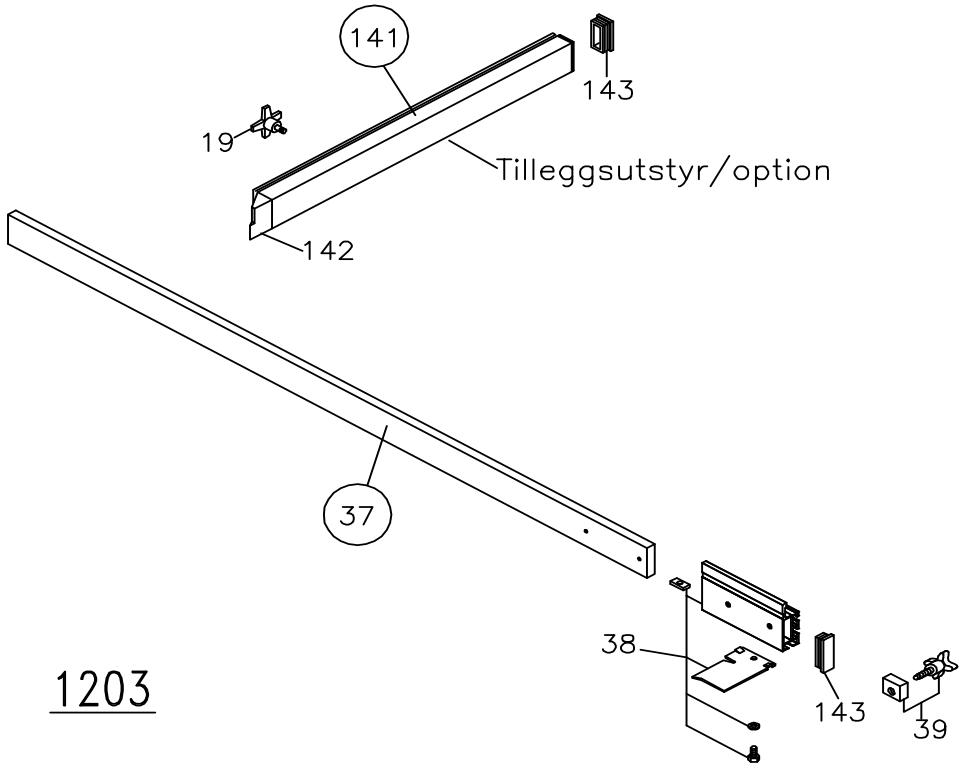
Regulerbart og fast rullebord/Adjustable & Fixed Table
Schieberollentisch & Fester Rollentisch 1203-1603-1500



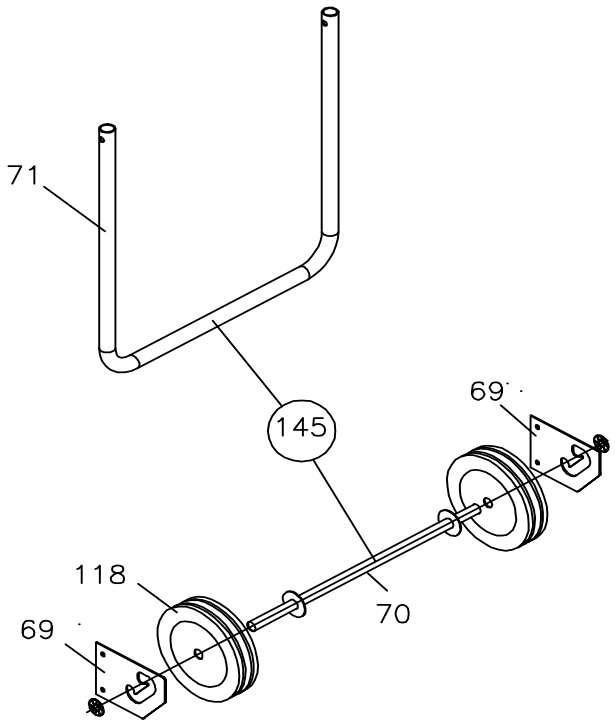
2011

ENGLISH

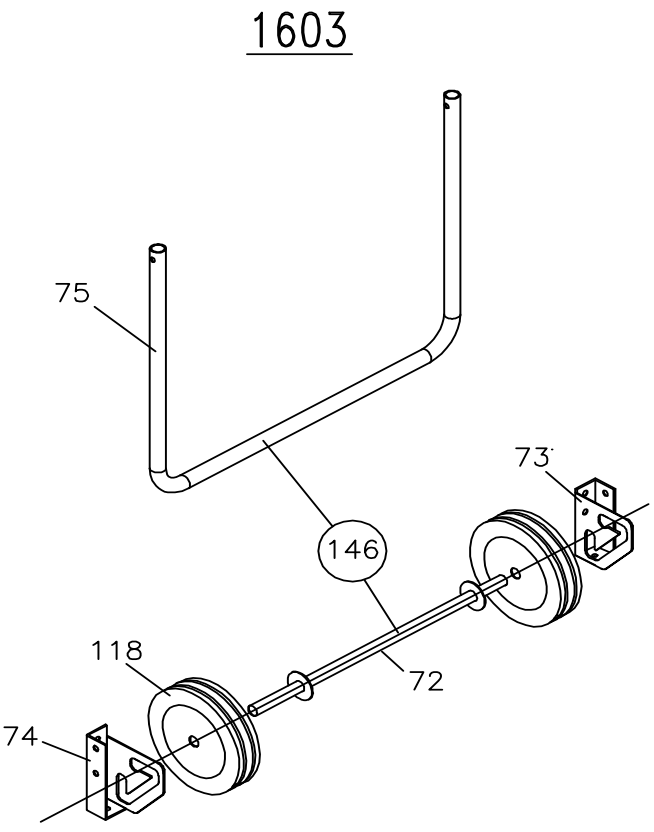
12-/1603/1500-Tilleggsutstyr/Options/Sonderzubehör



1203

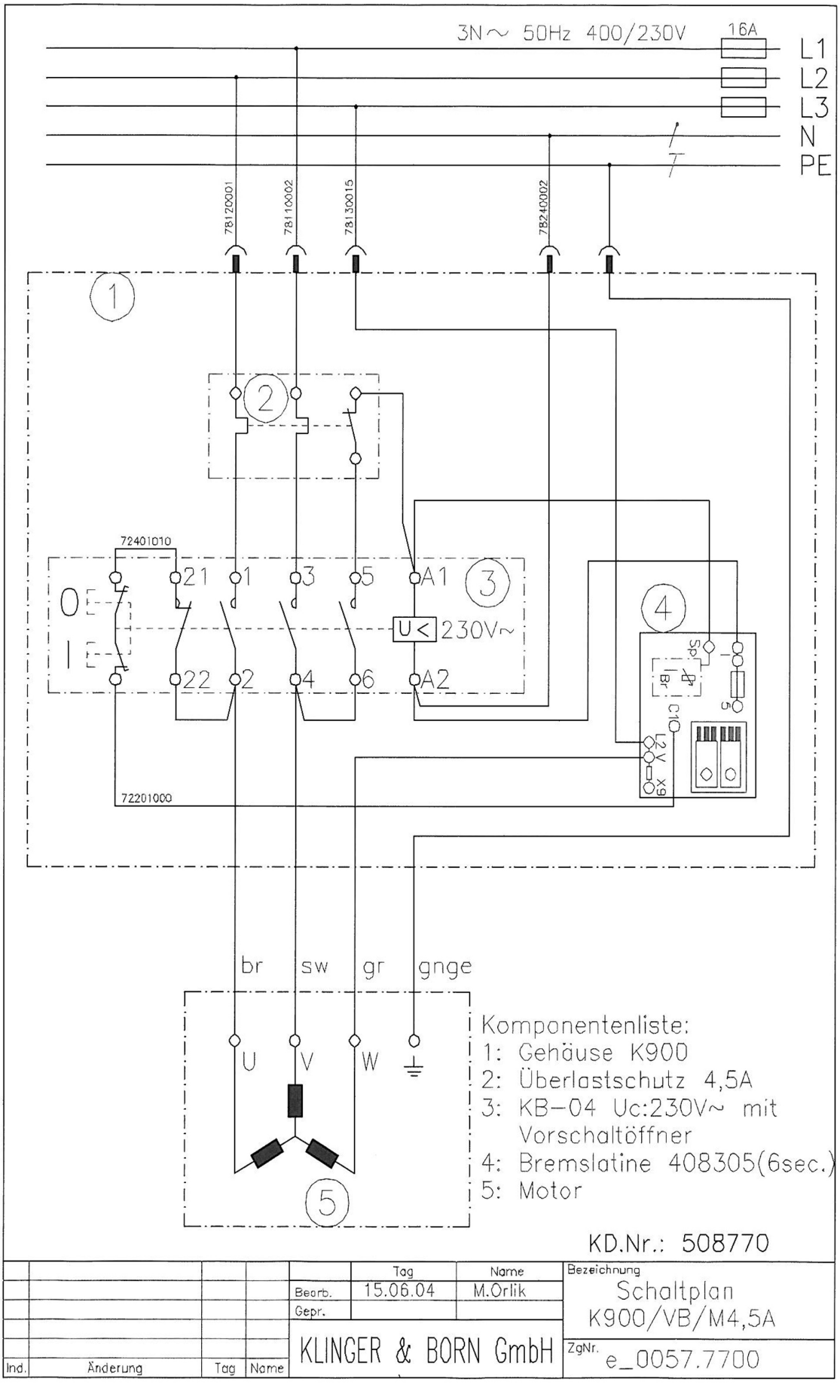


1603

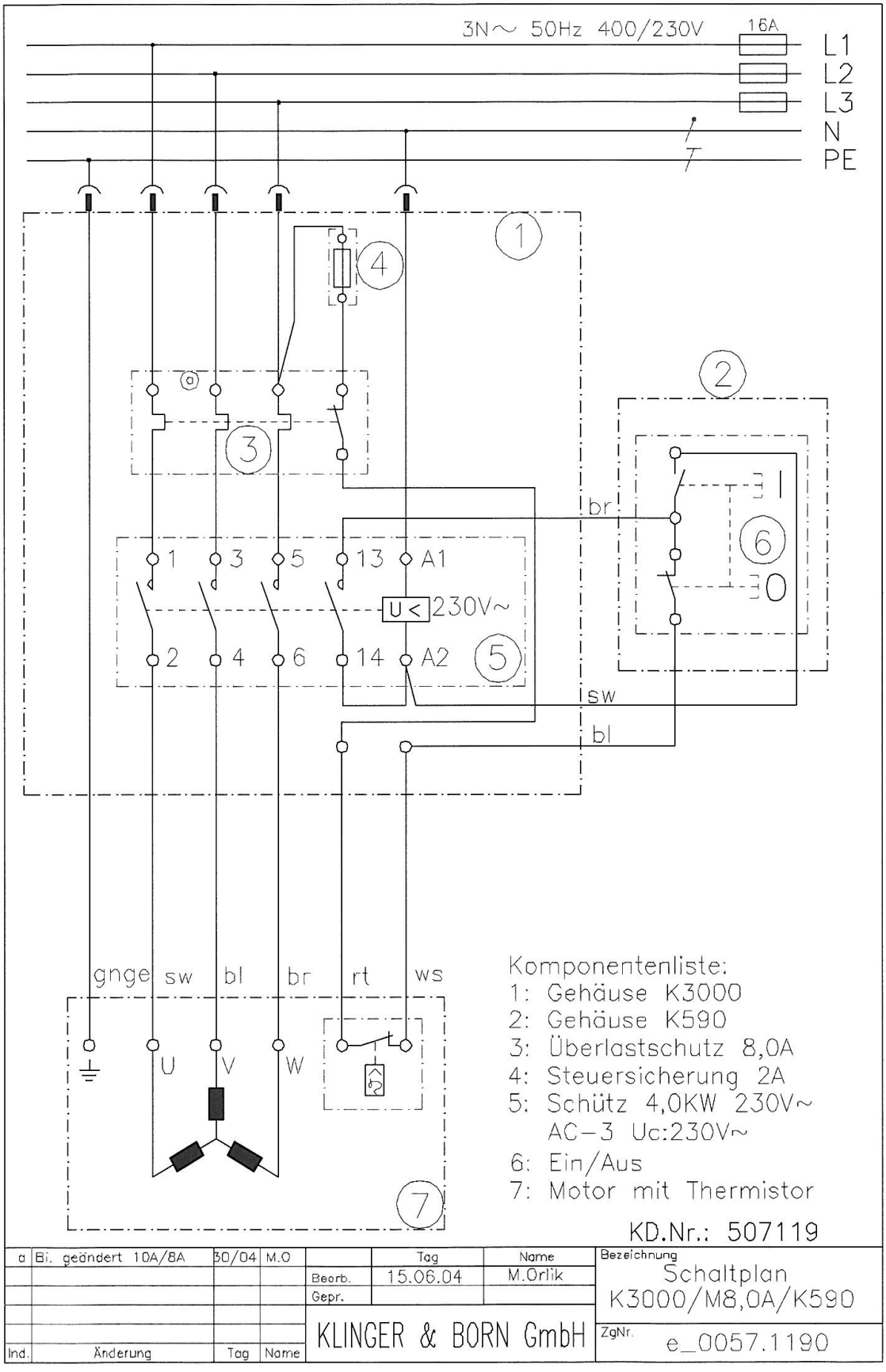


2011

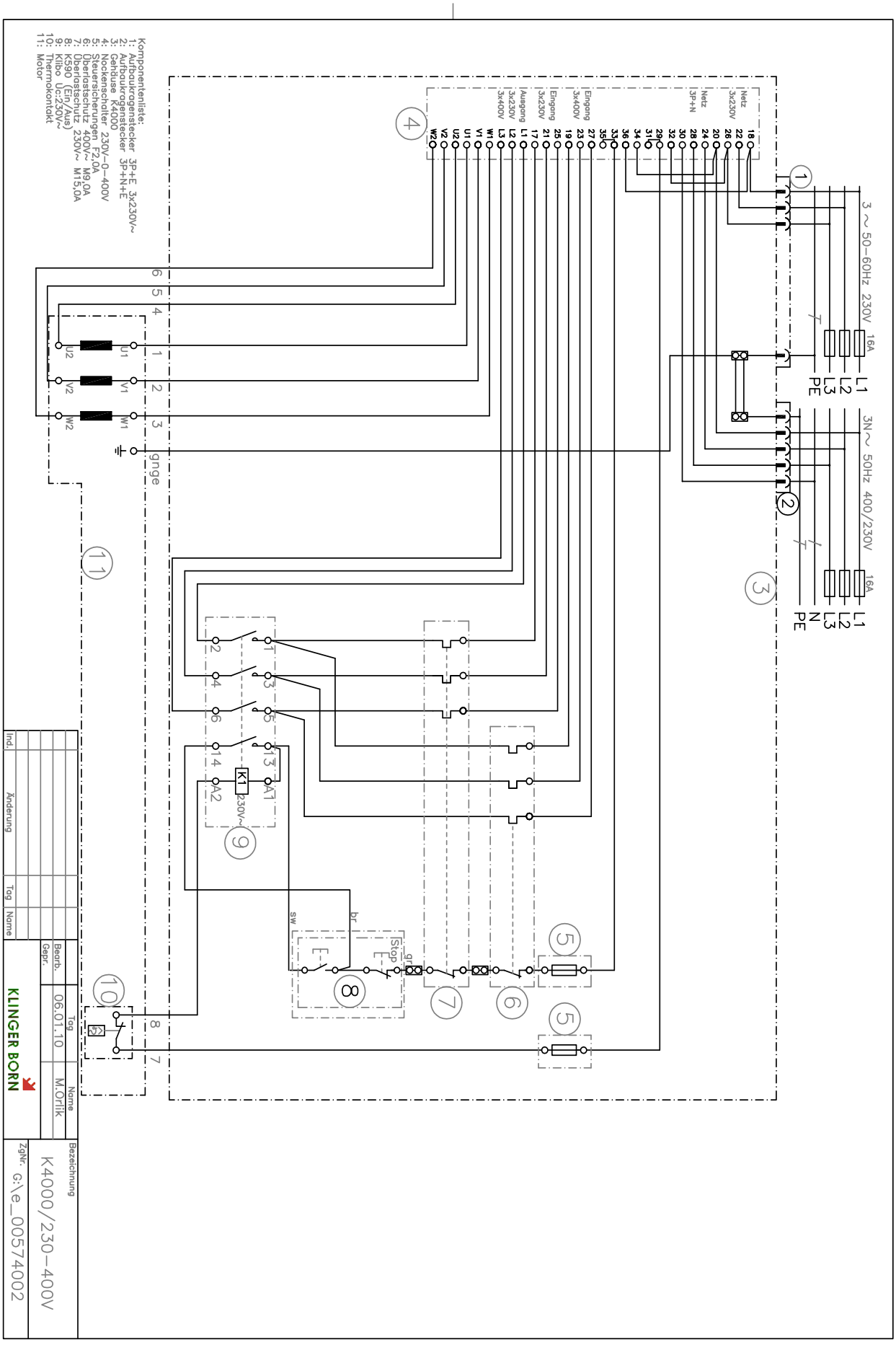
1203/3-phase 400V



1603/3-phase 400V



1603/3-phase 230-400V



Gjerdesagen: 805-12-/16-/2003

SAMSVARSERKLÆRING
CONFORMITY DECLARATION
KONFORMITÄTSERKLÄRUNG
KONFORMITETSINTYG
DICHIARAZIONE DI CONFOMITA

Fabrikant - Manufacturer - Hersteller - Produttore: **Ernex AS**
Adresse - Adress - Anschrift - Indirizzo: **1792 Tistedal**

Erklærer herved at :
Maskin: Mod.: **Nr.: ……**

Som er omfattet av denne erklæring, er fremstilt i overensstemmelse med Rådets direktiv 2006/42/EF, 2006/95/EFog EN 1870-5:2002. Det bemyndigede organ: Dansk Teknologisk Institut, Århus, identifikasjons Nr.: 0396, har prøvet denne maskinen i følge typeattest Nr. TI-09-MD-0309, TI-09-MD-0310, TI-09-MD-0312 og TI-09-MD-0313.

We hereby declare that:
Machine: Mod.: **Nr.: ……**

Which is covered by this declaration is manufactured in conformity with the Commission's instructions 2006/42/EF, 2006/95/EF and EN 1870-5:2002. The notified body: Dansk Teknologisk Institut, Aarhus, identification No.: 0396, has examined this machine according to approval certificate No. TI-09-MD-0309, TI-09-MD-0310, TI-09-MD-0312 and TI-09-MD-0313.

Erklärt hiermit :
Die Maschine: Mod.: **Nr.: ……**

Die diese Erklärung betrifft wurde in konformität mit den Richtlinien vom Rat der Europäischen Gemeinschaften 2006/42/EF, 2006/95/EF u. EN 1870-5:2002. Notizierte Stelle: Dansk Teknologisk Institut, Århus, Identifikations Nr.: 0396, hat diese Maschine geprüft, Bescheinigung durch das Typattest Nr. TI-09-MD-0309, TI-09-MD-0310, TI-09-MD-0312 u. TI-09-MD-0313

Försäkrar härmed att :
Maskin: Mod.: **Nr.: ……**

Vilken innefattas i denna deklaration, är tillverkad i överenstämmelse med Maskindirektiv 2006/42/EF, 2006/95/EF och EN 1870-5:2002. Bemyndigat organ: Dansk Teknologisk Institut, Aahus, identifikations Nr.: 0396, vilket prövat denna maskin enl. Provningscertifikat Nr. TI-09-MD-0309, TI-09-MD-0310, TI-09-MD-0312 och TI-09-MD-0313.

Con la presente si dichiara che la :
Macchina: Mod.: **N.: ……**

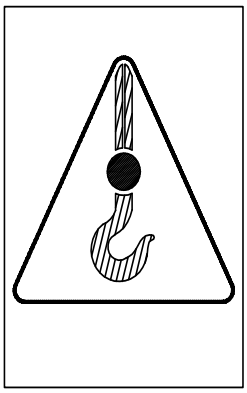
Oggetto della presente dichiarazione è prodotta in confomità alla direttiva della Commissione 2006/42/EF, 2006/95/EF e EN 1870-5:2002. L`ente notificato: Dansk Teknologisk Institut, Aarhus, N. di identificazione: 0396, ha esaminato il macchinario come da certificato di approvazione N. TI-09-MD-0309, TI-09-MD-0310, TI-09-MD-0312 e TI-09-MD-0313.

Tistedal, …….
Jan Håkon Hansen

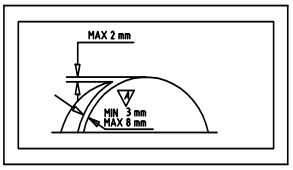
……. Skjema nr. 134

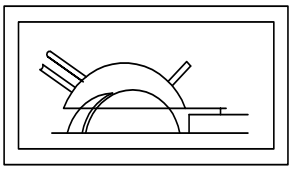
14. PRODUCT MARKS

Anvising for heising.
Direction for lifting
Anweisung über Hochhebung

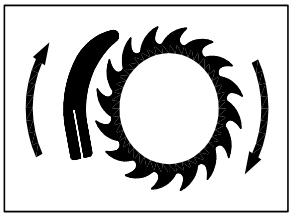


Justering av bladbeskytter
og spaltekniv.
Adjustment of hood
and riving knife.
Anweisung über Einstellung
von Schutzhaube u. Spaltkeil.



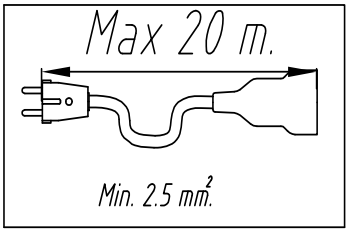


Rotasjonsretning.
Direction of rotation.
Anweisung über Drehrichtung.

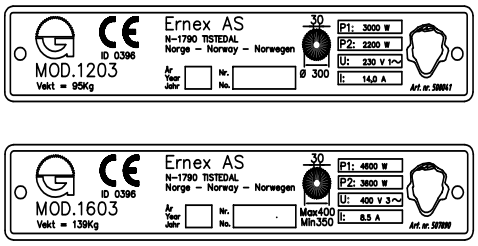


Anvisning for vern.
Direction for blade cover.
Anweisung über Sägeblatt Deckel.

Anbefalt tilførselskabel.
Recommended extension
of cord dim.
Empfehlung von Zuleitung
Dim.



Typeskilt med anvisinger.
Type plate with info
Kennzeichen Schild mit
Anweisung.



Skjema 165

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E-mail: kundservice@motek.se
www.motek.se

Sverige/Sweden: **Luna Verktyg & Maskin AB**
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Tel.: +46 322 606000, Fax: +46 322 606443
E-mail: luna@luna.se
www.luna.se

Danmark/Denmark: **Junget A/S**
Sigma 3, Søften, DK-8382 Hinnerup
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